

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083416.D
 Acq On : 2 Dec 2015 14:09
 Operator : UM/IZ
 Sample : G4582-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Manual Integrations
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 12/3/2015 7:09:28 PM

Quant Time: Dec 03 03:25:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	159550m	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	639938	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	309629	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	571972	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	470786	20.00	ng	-0.02
86) Perylene-d12	16.80	264	350738	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1449060	136.28	ng	0.01
7) Phenol-d6	6.22	99	1957512	134.51	ng	0.00
23) Nitrobenzene-d5	7.12	82	1323309	90.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	411846	132.50	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1872686	86.19	ng	-0.01
78) Terphenyl-d14	13.21	244	1796929	91.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	192101	33.36	ng	# 93
3) Pyridine	2.61	79	635817	44.15	ng	94
4) n-Nitrosodimethylamine	2.57	42	328963	46.41	ng	94
6) Aniline	6.21	93	640930	32.19	ng	98
8) 2-Chlorophenol	6.34	128	584689	49.85	ng	97
9) Benzaldehyde	6.08	77	276461	39.33	ng	92
10) Phenol	6.24	94	823239	47.01	ng	89
11) bis(2-Chloroethyl)ether	6.29	93	634899	49.84	ng	94
12) 1,3-Dichlorobenzene	6.49	146	582992m	44.72	ng	
13) 1,4-Dichlorobenzene	6.56	146	576988m	42.82	ng	
14) 1,2-Dichlorobenzene	6.72	146	553983	44.81	ng	96
15) Benzyl Alcohol	6.72	79	570397	50.71	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1028375	46.01	ng	# 51
17) 2-Methylphenol	6.84	107	494567	50.59	ng	95
18) Hexachloroethane	7.06	117	214162m	45.76	ng	
19) n-Nitroso-di-n-propylamine	6.98	70	463711	44.58	ng	92
20) 3+4-Methylphenols	7.00	107	688395	51.99	ng	98
22) Acetophenone	6.97	105	857611	44.79	ng	# 96
24) Nitrobenzene	7.14	77	714839	45.98	ng	90
25) Isophorone	7.38	82	1246760	44.21	ng	98
26) 2-Nitrophenol	7.46	139	324260	51.10	ng	# 80
27) 2,4-Dimethylphenol	7.52	122	504003	47.38	ng	95
28) bis(2-Chloroethoxy)methane	7.61	93	773576	48.17	ng	99
29) 2,4-Dichlorophenol	7.71	162	494333	48.32	ng	95
30) 1,2,4-Trichlorobenzene	7.78	180	484272	43.49	ng	98
31) Naphthalene	7.86	128	2209326	63.63	ng	99
32) Benzoic acid	7.63	122	39443	5.38	ng	93
33) 4-Chloroaniline	7.92	127	314283	21.00	ng	94
34) Hexachlorobutadiene	7.98	225	272578	43.11	ng	98
35) Caprolactam	8.30	113	160180m	49.55	ng	
36) 4-Chloro-3-methylphenol	8.43	107	564607	49.20	ng	89
37) 2-Methylnaphthalene	8.54	142	1026157	44.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	461366	47.01	ng	98
40) Hexachlorocyclopentadiene	8.70	237	387588	83.13	ng	98

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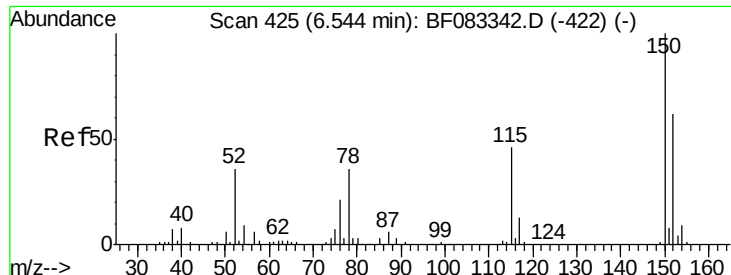
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	341651	49.62	nq	97
43) 2,4,5-Trichlorophenol	8.89	196	356449	49.97	nq	97
45) 1,1'-Biphenyl	9.01	154	1288235	47.45	nq	97
46) 2-Chloronaphthalene	9.04	162	989065	47.80	nq	93
47) 2-Nitroaniline	9.14	65	382880	46.72	nq	# 82
48) Acenaphthylene	9.44	152	1517990	45.99	nq	100
49) Dimethylphthalate	9.33	163	1617188	64.27	nq	99
50) 2,6-Dinitrotoluene	9.39	165	269899	50.23	nq	# 69
51) Acenaphthene	9.62	154	985711	50.78	nq	98
52) 3-Nitroaniline	9.55	138	168791	26.80	nq	89
53) 2,4-Dinitrophenol	9.66	184	91978	32.60	nq	# 73
54) Dibenzofuran	9.79	168	1368159	48.09	nq	92
55) 4-Nitrophenol	9.76	139	403589	102.44	nq	# 81
56) 2,4-Dinitrotoluene	9.79	165	363607	53.33	nq	# 70
57) Fluorene	10.12	166	1011041	45.01	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	283914	49.33	nq	96
59) Diethylphthalate	10.03	149	1124307	46.88	nq	97
60) 4-Chlorophenyl-phenylether	10.12	204	436636	42.30	nq	92
61) 4-Nitroaniline	10.17	138	251828	39.96	nq	91
62) Azobenzene	10.28	77	1341101	46.29	nq	98
64) 4,6-Dinitro-2-methylphenol	10.19	198	153143	39.88	nq	# 60
65) n-Nitrosodiphenylamine	10.25	169	909613	45.26	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	297573	47.56	nq	95
67) Hexachlorobenzene	10.69	284	323953	46.83	nq	96
68) Atrazine	10.82	200	307289	55.28	nq	99
69) Pentachlorophenol	10.91	266	347814	95.98	nq	97
70) Phenanthrene	11.15	178	1654179	48.87	nq	99
71) Anthracene	11.21	178	1588224	46.61	nq	100
72) Carbazole	11.40	167	1390894	45.43	nq	99
73) Di-n-butylphthalate	11.85	149	1739283	47.93	nq	100
74) Fluoranthene	12.65	202	1578104	44.98	nq	98
76) Benzidine	12.85	184	619159	44.16	nq	97
77) Pyrene	12.96	202	1636010	49.76	nq	98
79) Butylbenzylphthalate	13.95	149	719463	51.58	nq	87
80) Benzo(a)anthracene	14.73	228	1345965	46.67	nq	99
81) 3,3'-Dichlorobenzidine	14.72	252	297718	33.05	nq	# 98
82) Chrysene	14.79	228	1240821	44.53	nq	99
83) Bis(2-ethylhexyl)phthalate	14.85	149	990440	52.94	nq	99
84) Di-n-octyl phthalate	15.83	149	1502874	53.94	nq	99
85) Indeno(1,2,3-cd)pyrene	18.18	276	1025952	50.55	nq	99
87) Benzo(b)fluoranthene	16.29	252	1010221m	44.89	nq	
88) Benzo(k)fluoranthene	16.33	252	954582	44.92	nq	98
89) Benzo(a)pyrene	16.73	252	907827	46.96	nq	98
90) Dibenzo(a,h)anthracene	18.20	278	864031	51.30	nq	99
91) Benzo(g,h,i)perylene	18.56	276	856984	51.84	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng m

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

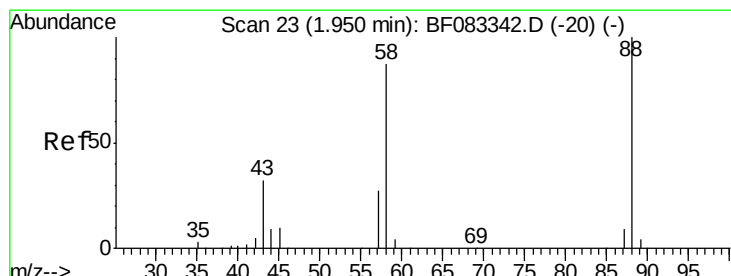
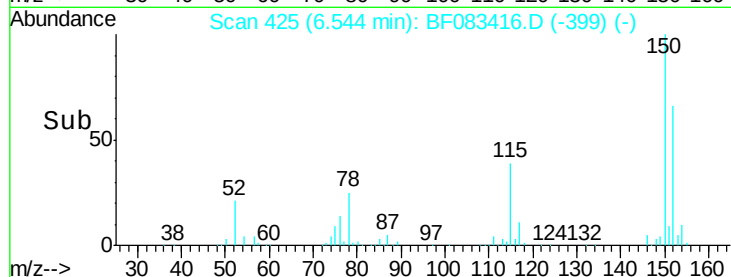
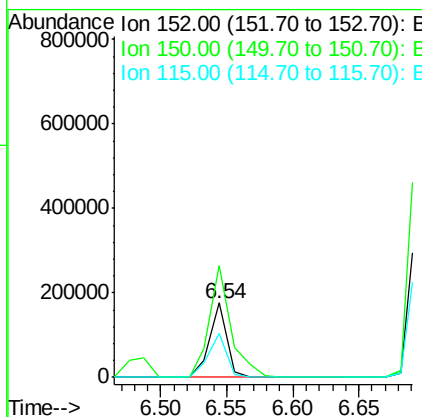
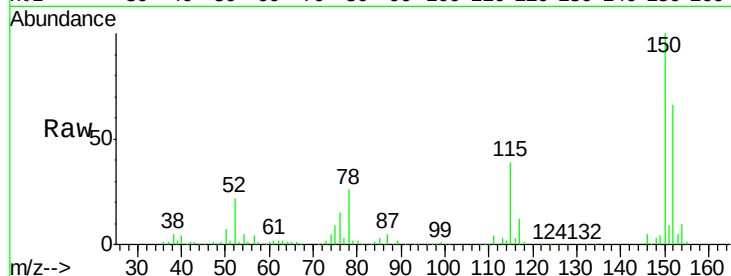
ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:	152	Resp:	159550
Ion Ratio	Lower	Upper	
152	100		
150	150.5	129.8	194.8
115	59.1	59.2	88.8#

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#2

1,4-Dioxane

Concen: 33.36 ng

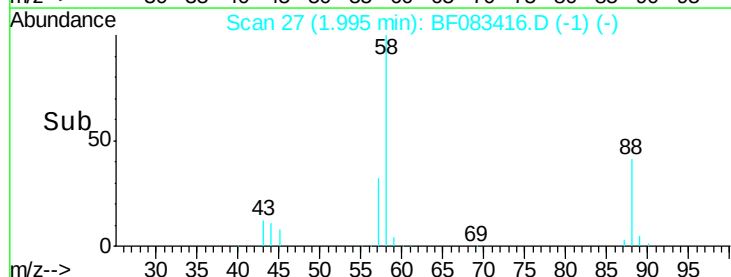
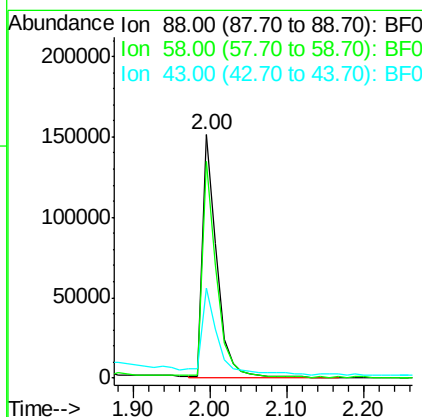
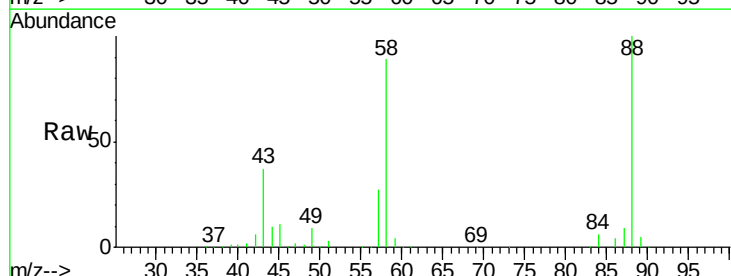
RT: 2.00 min Scan# 27

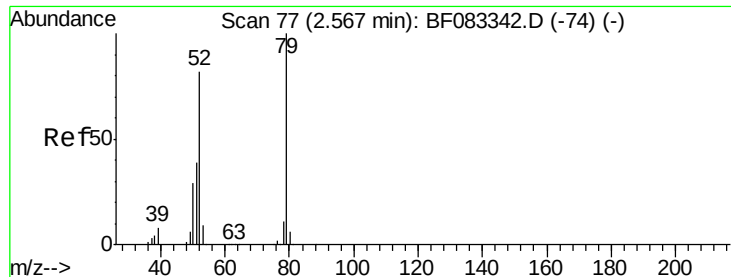
Delta R.T. 0.05 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	88	Resp:	192101
Ion Ratio	Lower	Upper	
88	100		
58	87.6	66.6	100.0
43	41.9	27.1	40.7#





#3

Pvridine

Concen: 44.15 ng

RT: 2.61 min Scan# 81

Delta R.T. 0.05 min

Lab File: BF083416.D

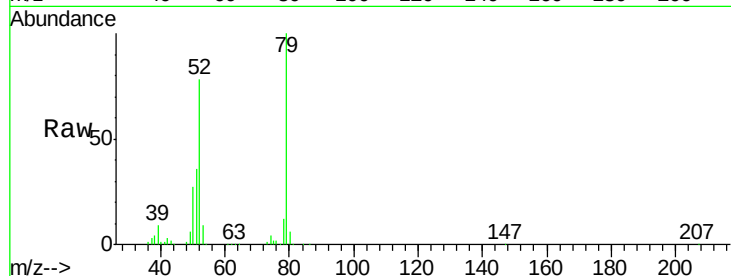
Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

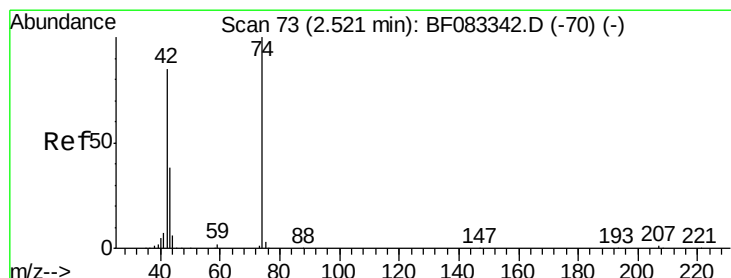
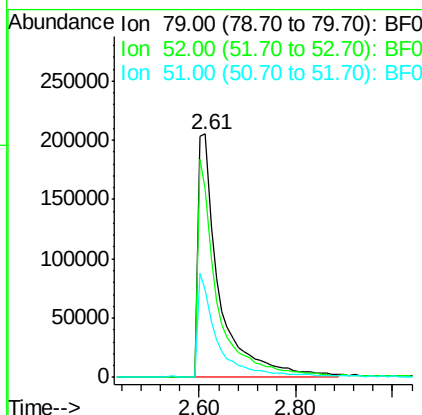
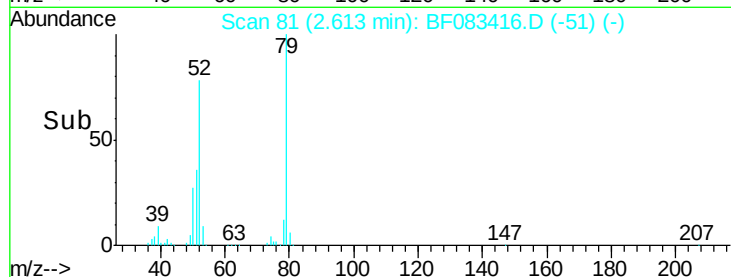
SB-P3WC-07(8-14)MS



Tot Ion:	79	Resp:	635817
Ion Ratio	Lower	Upper	
79	100		
52	77.6	65.9	98.9
51	36.2	32.3	48.5

Manual Integrations
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#4

n-Nitrosodimethylamine

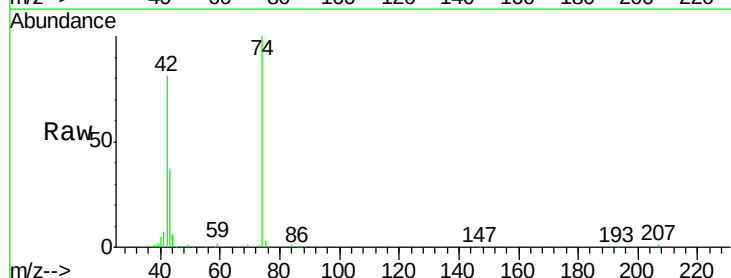
Concen: 46.41 ng

RT: 2.57 min Scan# 77

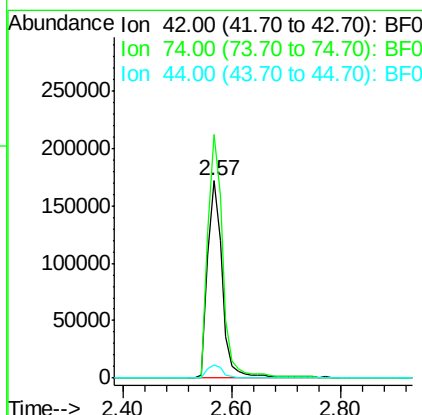
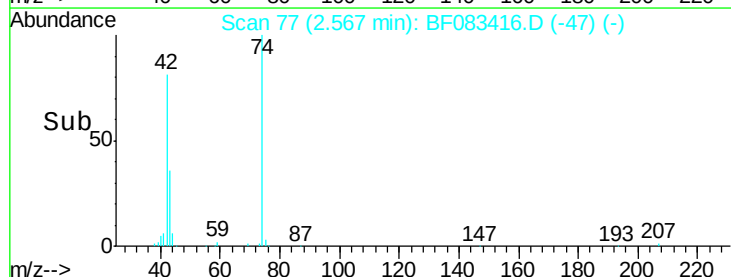
Delta R.T. 0.05 min

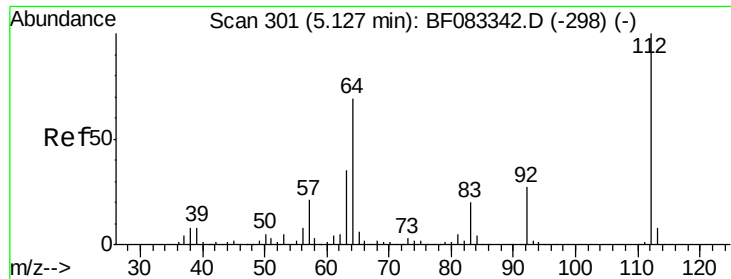
Lab File: BF083416.D

Acq: 2 Dec 2015 14:09



Tgt Ion:	42	Resp:	328963
Ion Ratio	Lower	Upper	
42	100		
74	123.5	93.7	140.5
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 136.28 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:112 Resp: 1449060

Ion Ratio Lower Upper

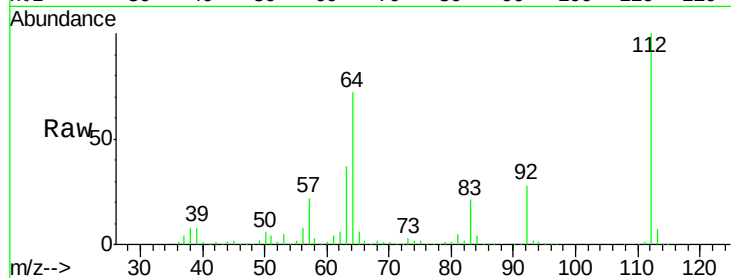
112 100

64 72.4 55.6 83.4

63 36.5 28.2 42.2

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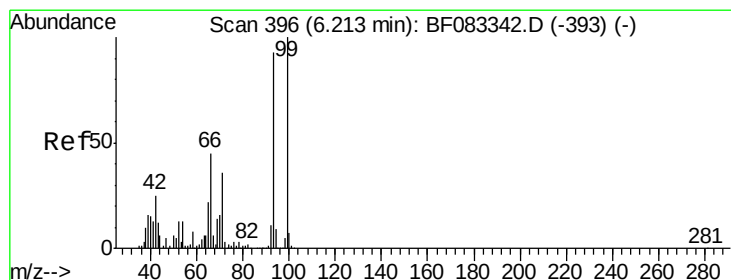
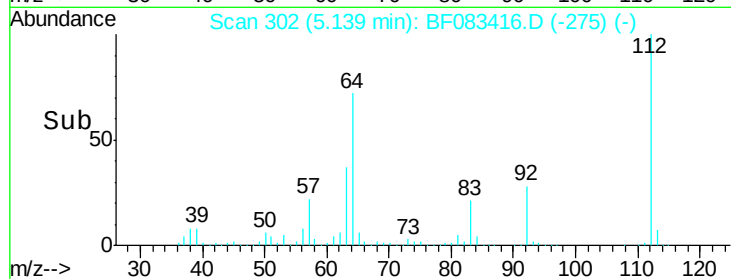
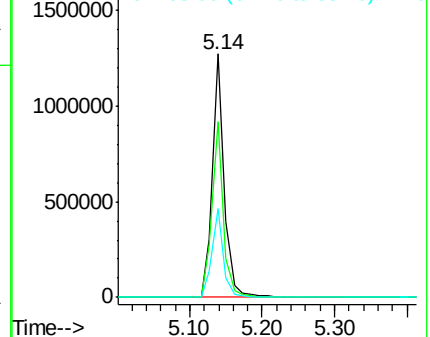
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.19 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

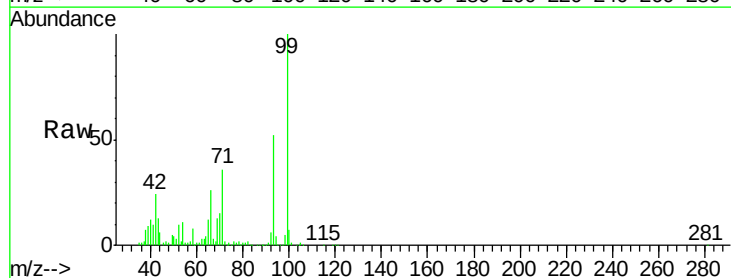
Tgt Ion: 93 Resp: 640930

Ion Ratio Lower Upper

93 100

66 49.2 38.7 58.1

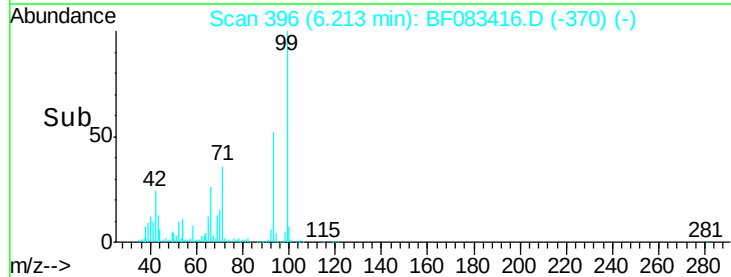
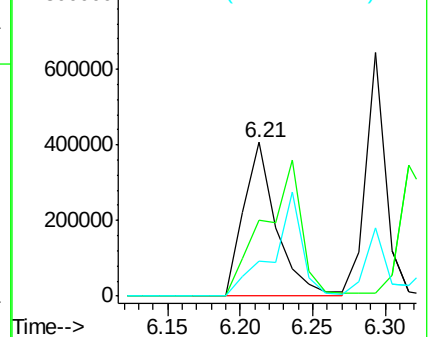
65 22.5 19.0 28.6

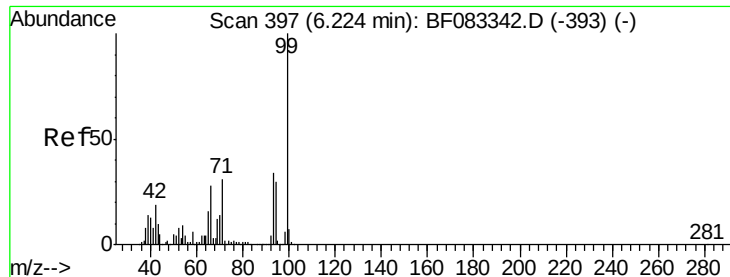


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.51 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion: 99 Resp: 1957512

Ion Ratio Lower Upper

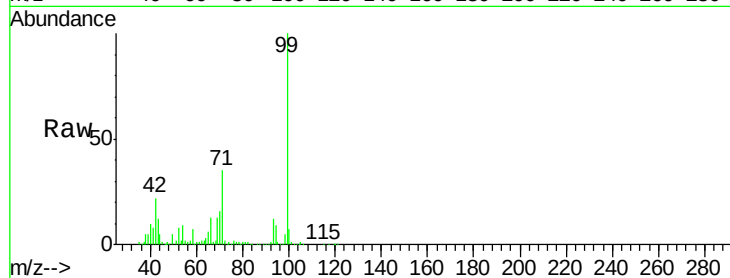
99 100

42 21.6 14.9 22.3

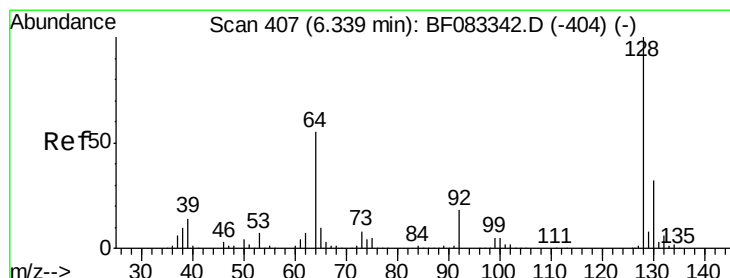
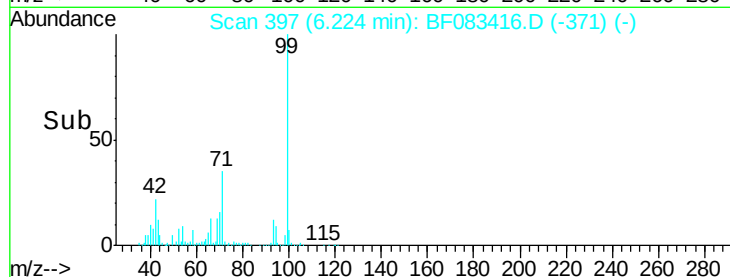
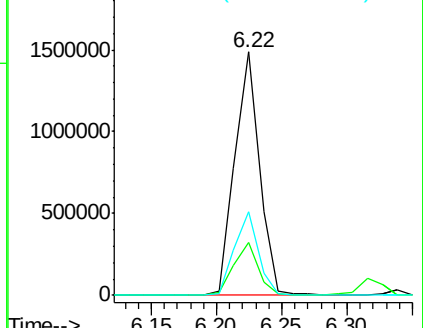
71 34.6 24.7 37.1

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.85 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

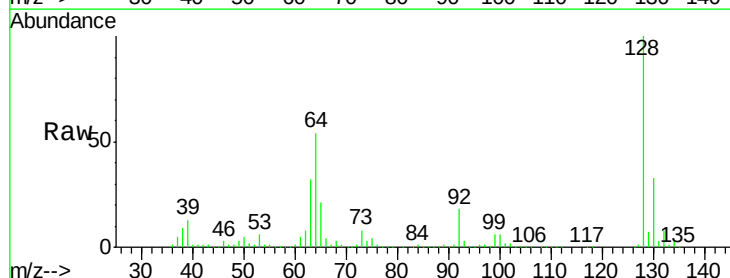
Tgt Ion: 128 Resp: 584689

Ion Ratio Lower Upper

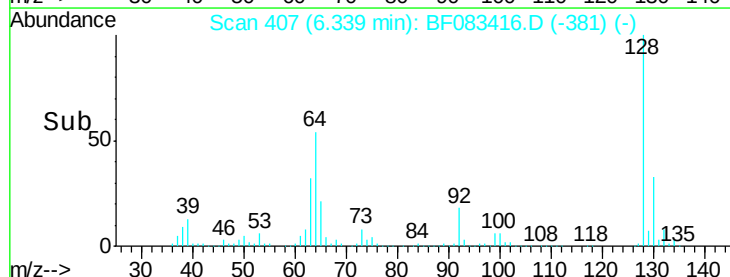
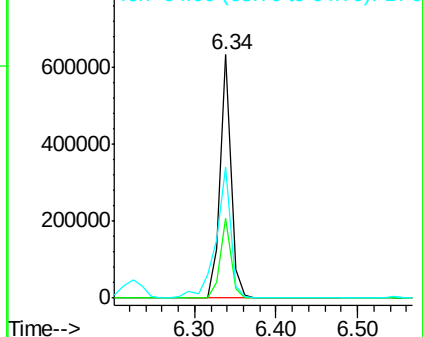
128 100

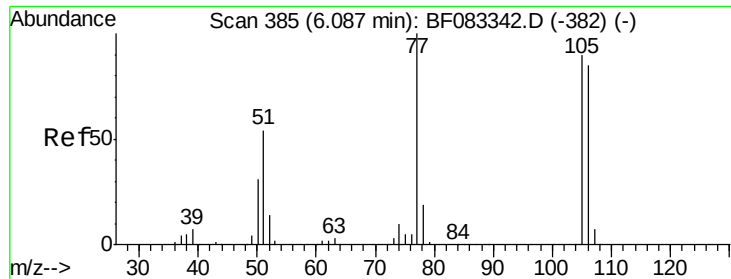
130 32.9 12.3 52.3

64 53.7 36.4 76.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.33 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

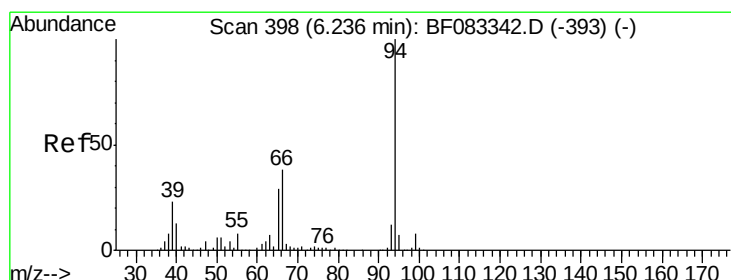
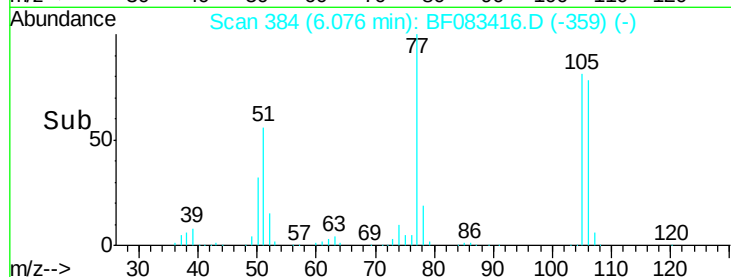
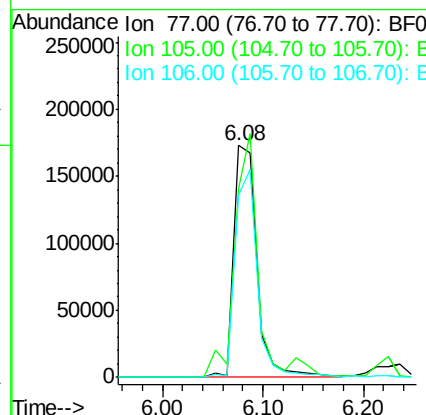
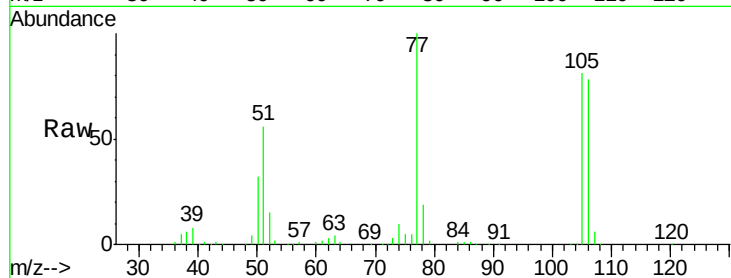
ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:	77	Resp:	276461
Ion Ratio	Lower	Upper	
77	100		
105	81.1	70.0	110.0
106	78.4	65.0	105.0

Manual Integrations
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#10

Phenol

Concen: 47.01 ng

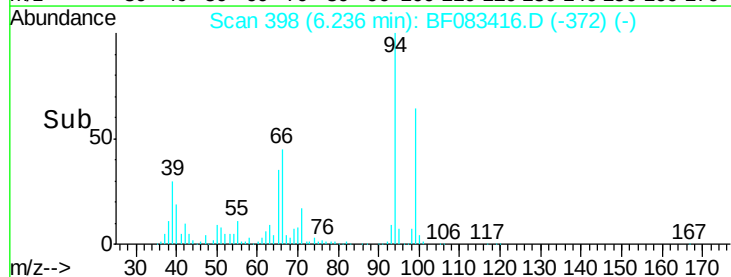
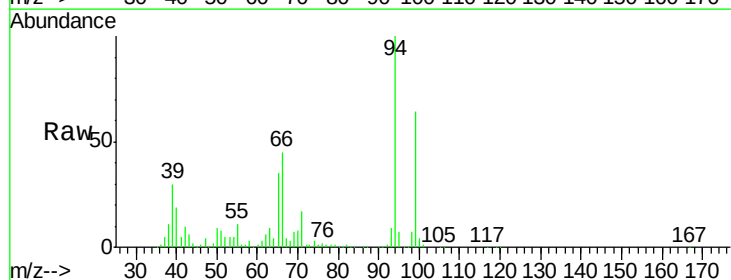
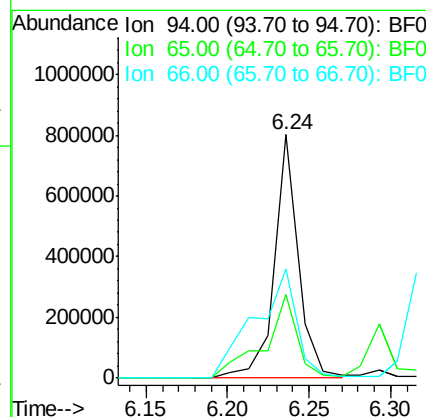
RT: 6.24 min Scan# 398

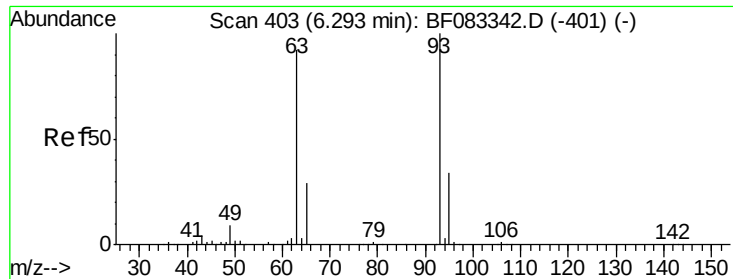
Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	94	Resp:	823239
Ion Ratio	Lower	Upper	
94	100		
65	34.5	9.5	49.5
66	44.9	17.9	57.9





#11

bis(2-Chloroethyl)ether

Concen: 49.84 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

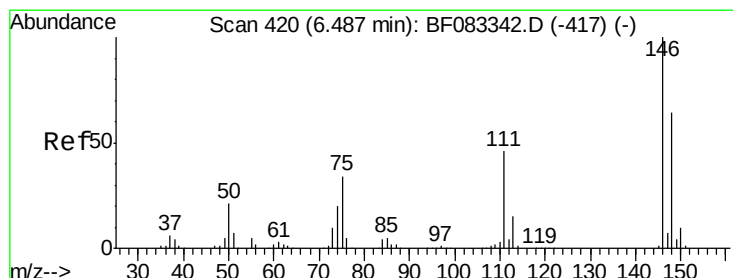
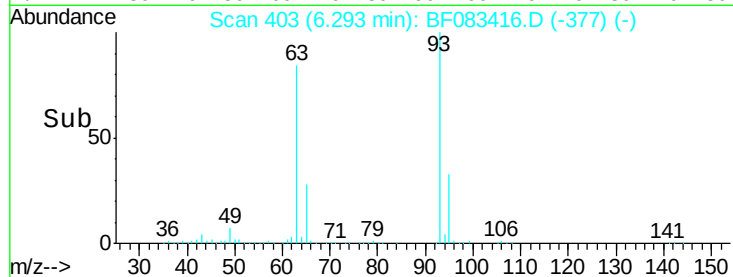
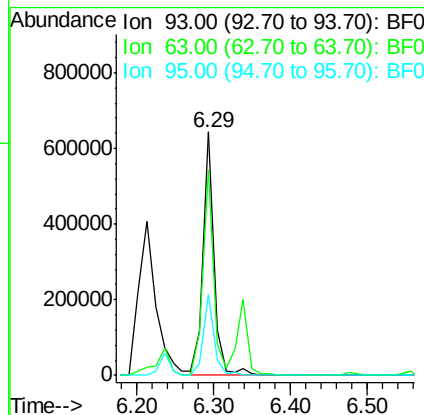
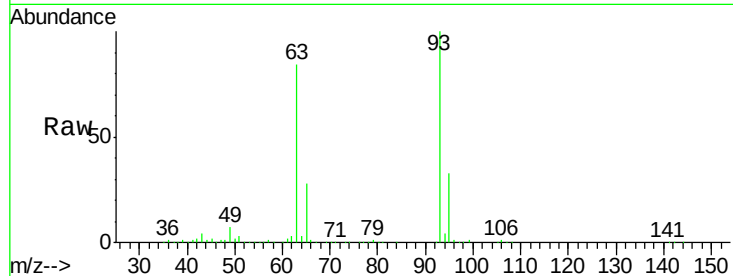
ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:	93	Resp:	634899
Ion Ratio	Lower	Upper	
93	100		
63	84.4	71.4	111.4
95	33.1	13.4	53.4

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 44.72 ng m

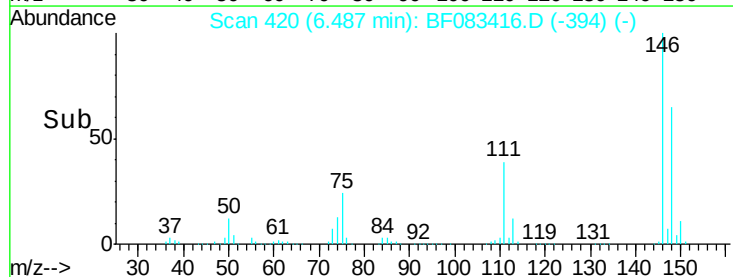
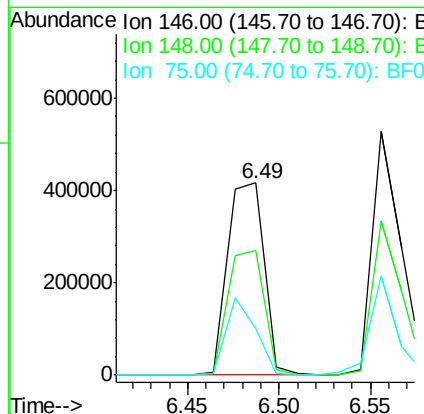
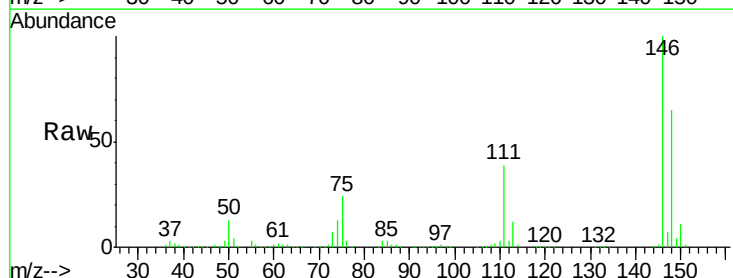
RT: 6.49 min Scan# 420

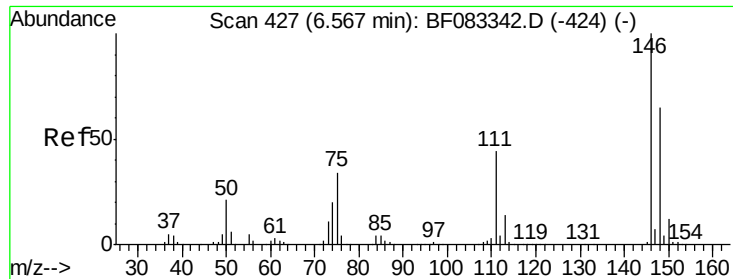
Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	146	Resp:	582992
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.1	76.7
75	24.1	27.5	41.3#





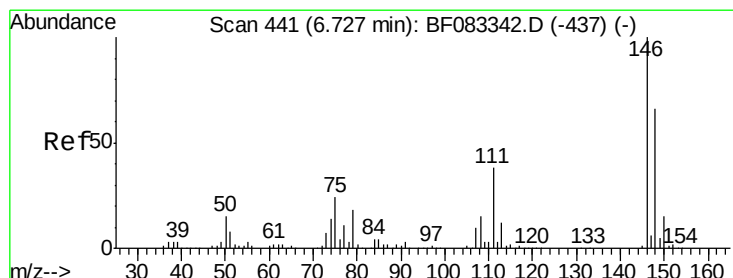
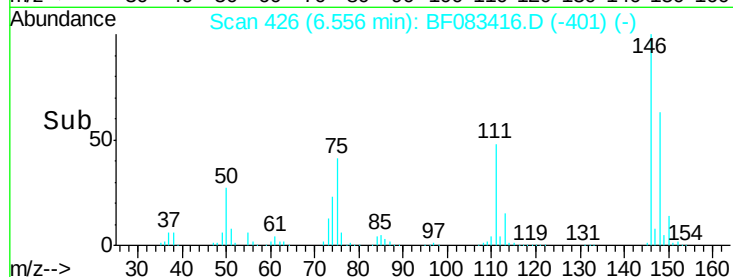
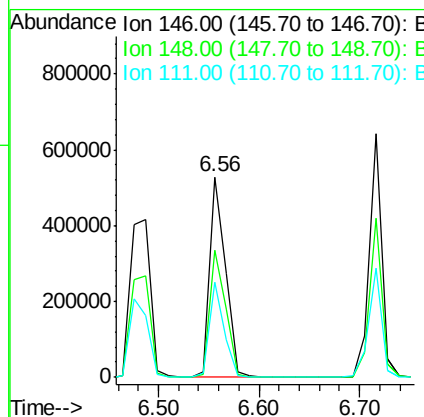
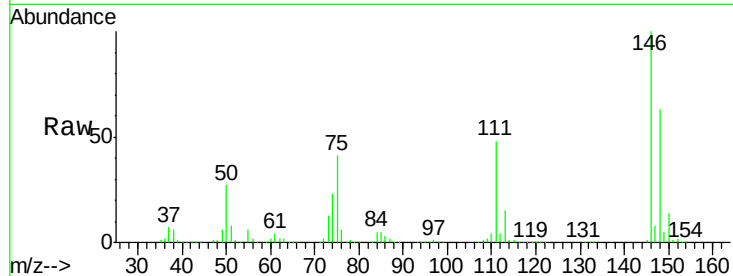
#13
 1,4-Dichlorobenzene
 Concen: 42.82 ng m
 RT: 6.56 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.1	78.1
111	47.7	35.4	53.0

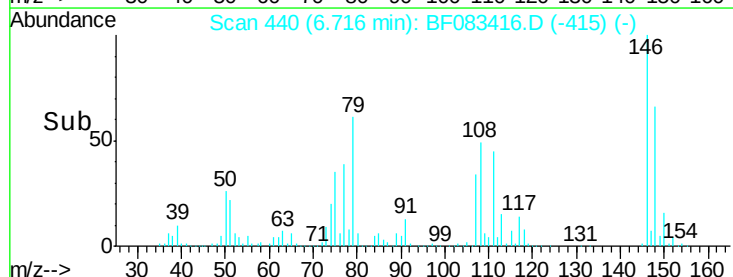
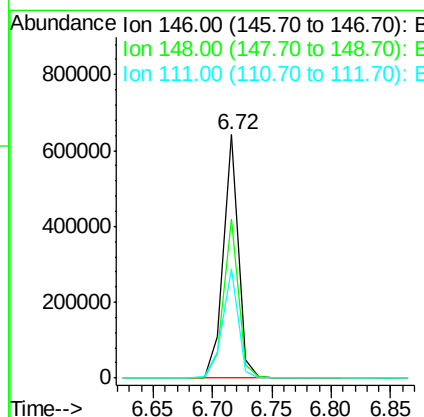
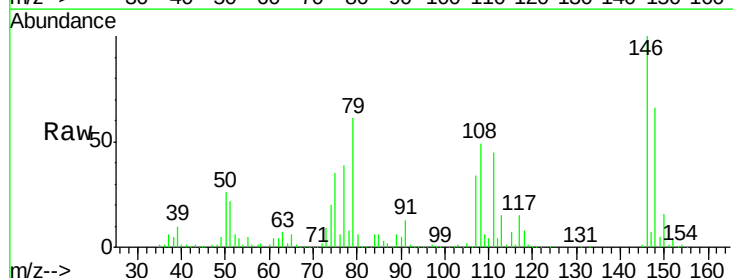
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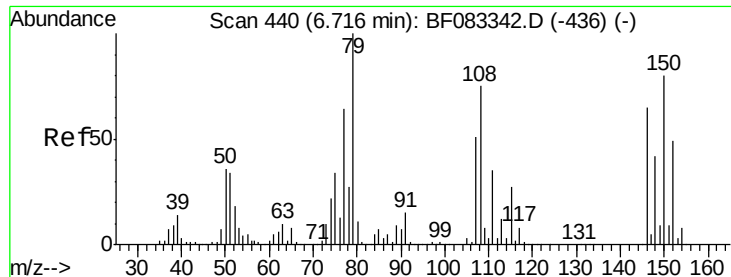
Mmdadoda
 12/3/2015 7:09:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.81 ng
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
111	44.8	30.6	46.0





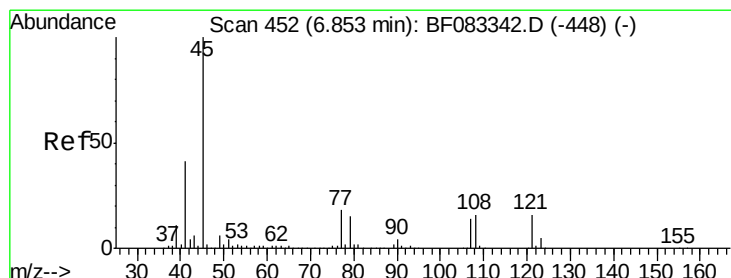
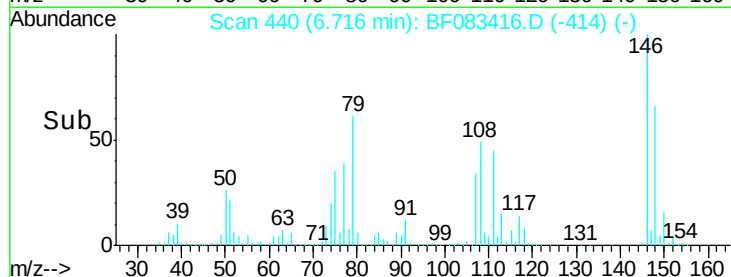
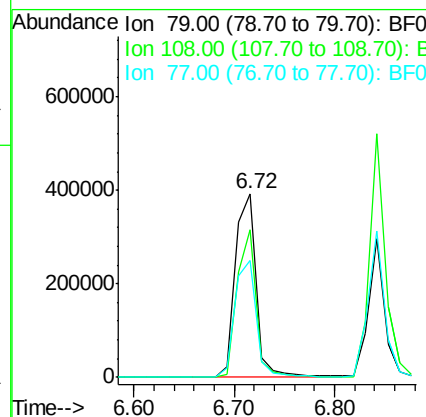
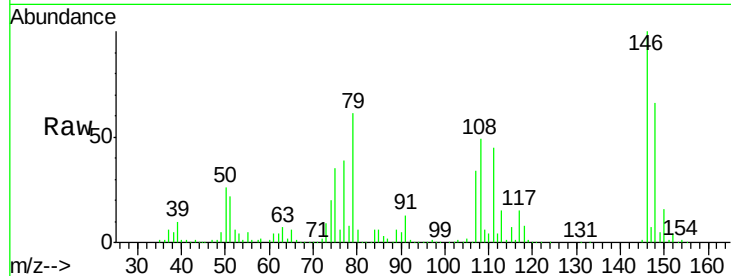
#15
Benzyl Alcohol
Concen: 50.71 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	59.9	89.9
77	63.4	51.0	76.6

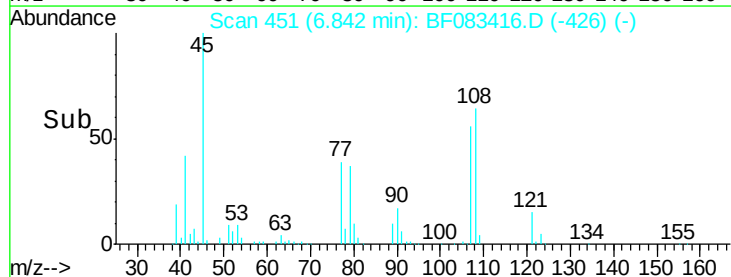
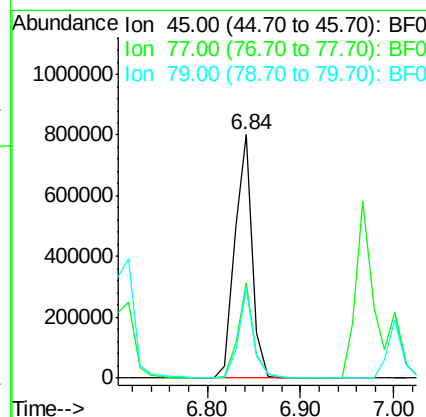
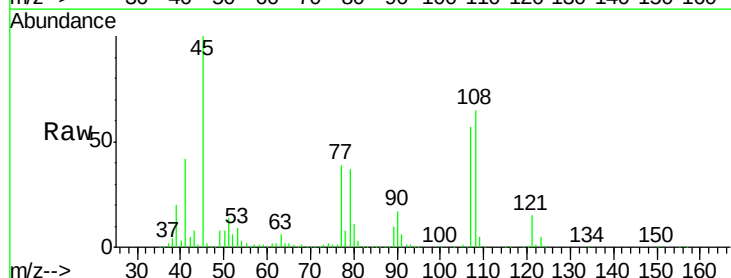
Manual Integrations
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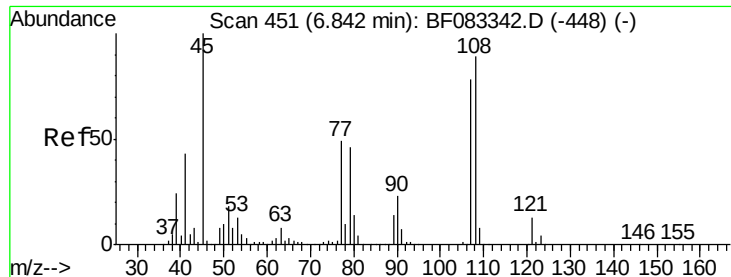
Mmdadoda
12/3/2015 7:09:28 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.01 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.1	0.0	38.3#
79	37.0	0.0	35.4#





#17

2-Methylphenol

Concen: 50.59 ng

RT: 6.84 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

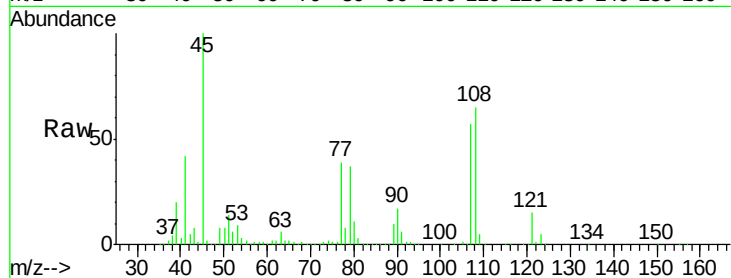
ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:	107	Resp:	494567
Ion Ratio	Lower	Upper	
107	100		
108	114.9	91.6	137.4
77	69.2	49.9	74.9
79	65.4	47.3	70.9

Manual Integrations
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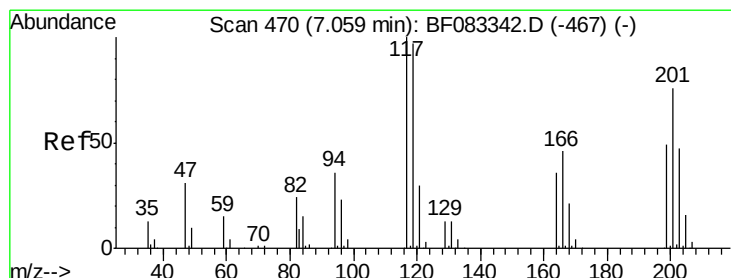
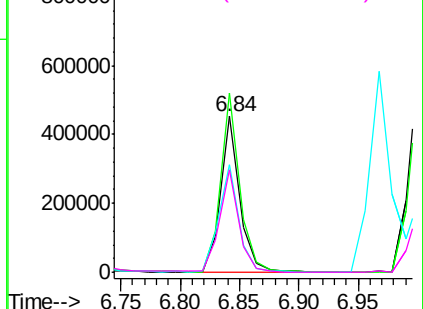
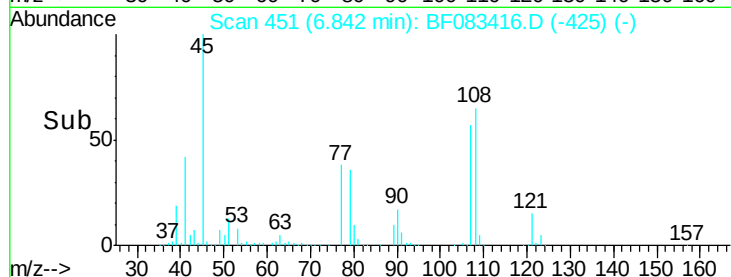


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.76 ng m

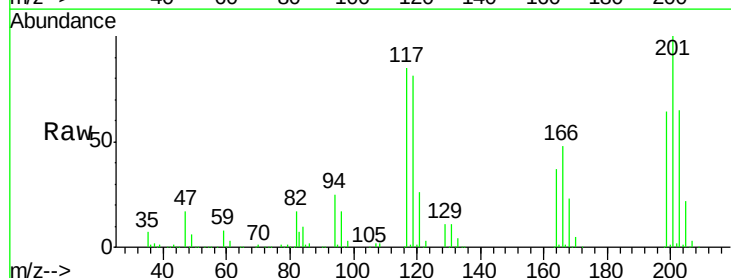
RT: 7.06 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

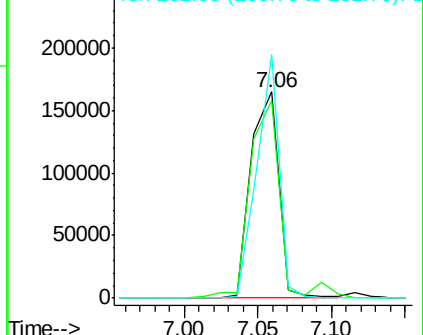
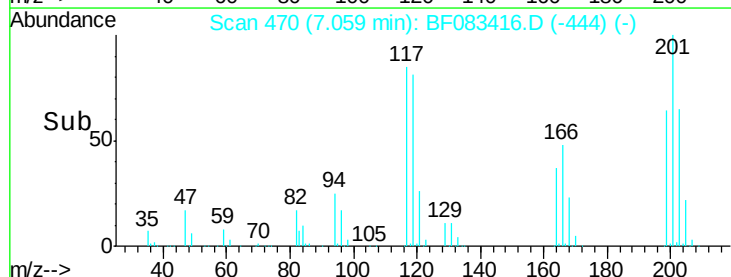
Tgt Ion:	117	Resp:	214162
Ion Ratio	Lower	Upper	
117	100		
119	95.8	77.3	115.9
201	118.0	60.6	90.8#

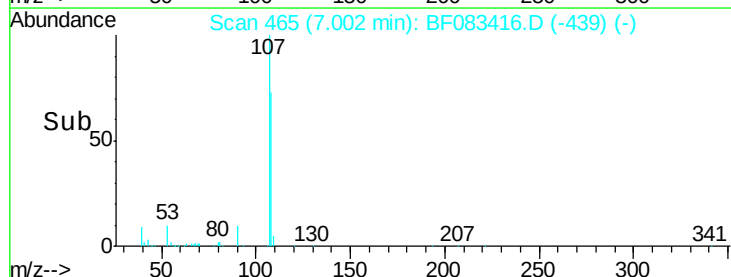
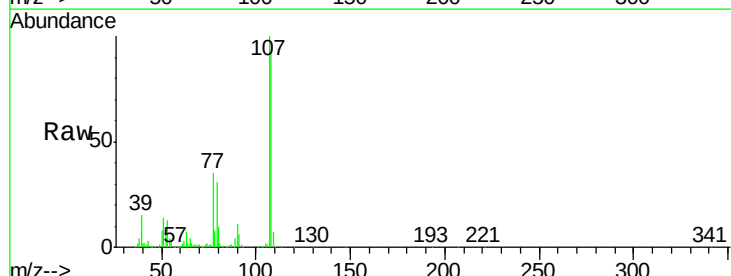
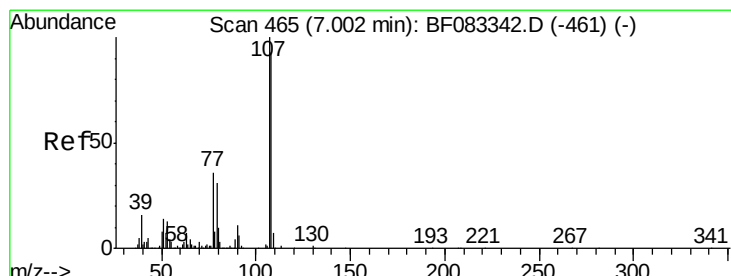
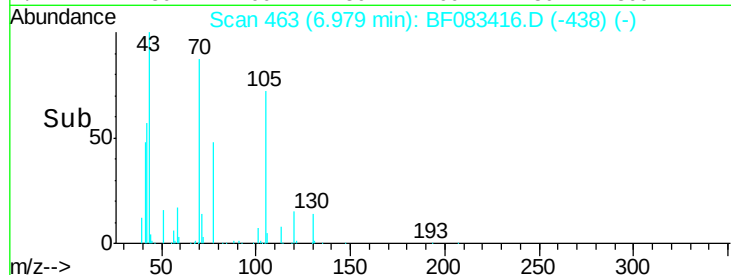
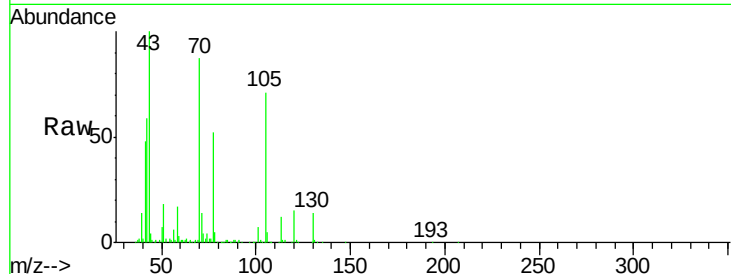
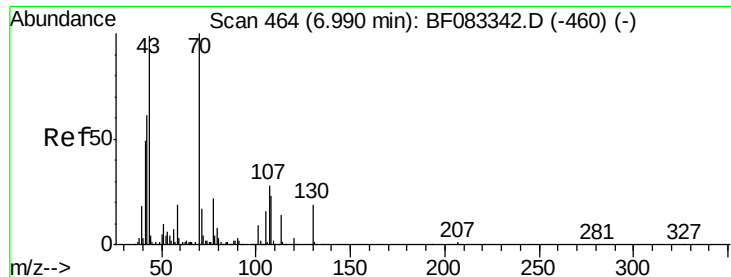


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

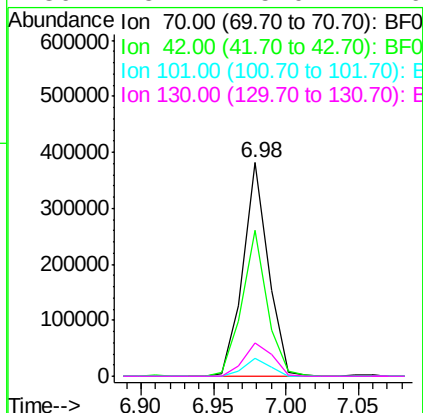




#19
n-Nitroso-di-n-propylamine
Concen: 44.58 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.1	48.8	73.2
101	8.1	7.1	10.7
130	15.7	15.0	22.6

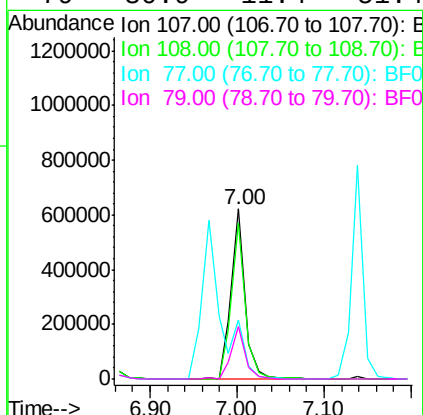


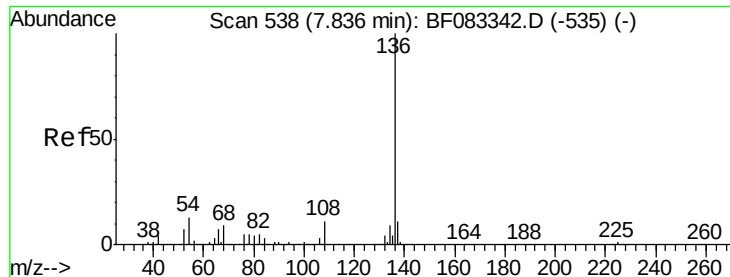
Manual Integrations
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12/3/2015 7:09:28 PM

#20
3+4-Methylphenols
Concen: 51.99 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.0	113.0
77	35.0	16.8	56.8
79	30.9	11.4	51.4





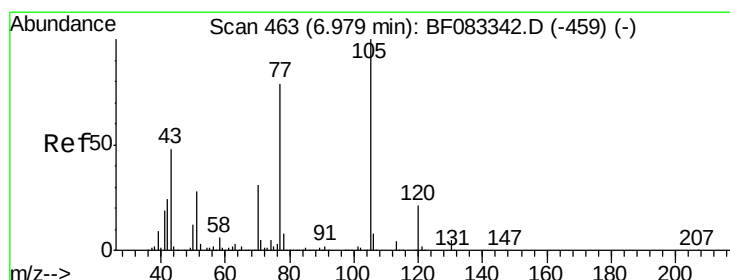
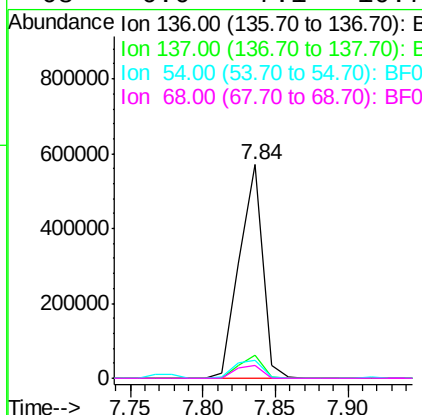
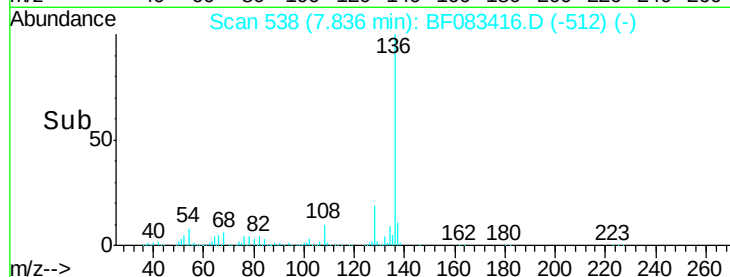
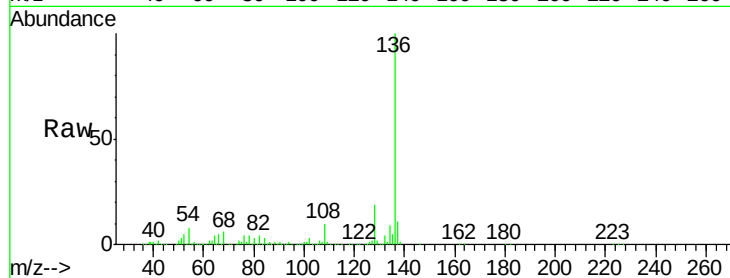
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.2	10.1	15.1#
68	6.0	7.1	10.7#

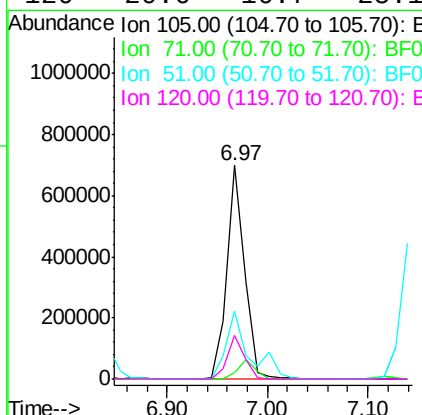
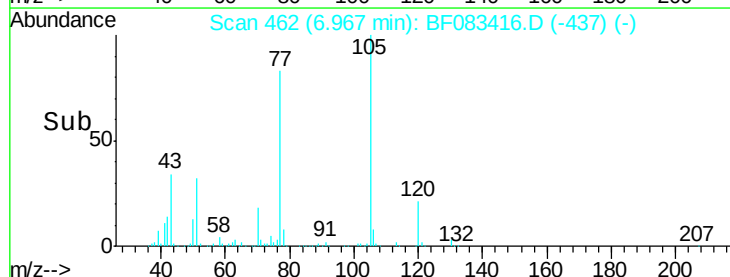
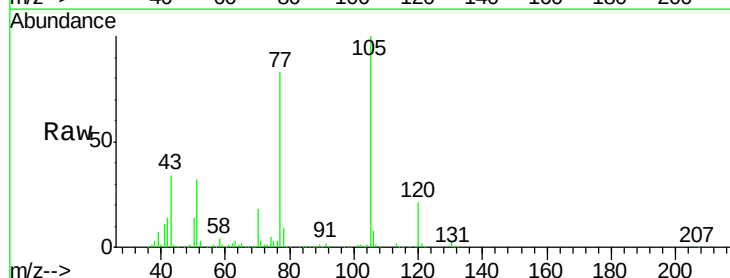
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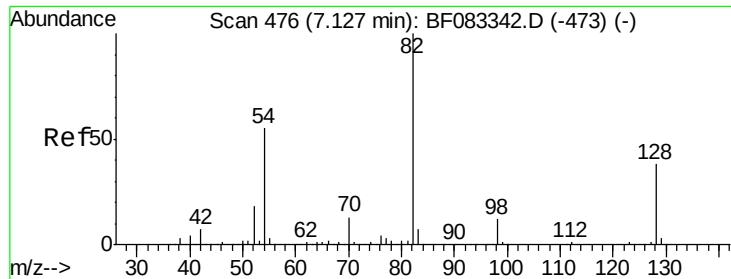
Mmdadoda
12/3/2015 7:09:28 PM



#22
Acetophenone
Concen: 44.79 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.1	4.3	6.5#
51	31.6	22.9	34.3
120	20.6	16.7	25.1





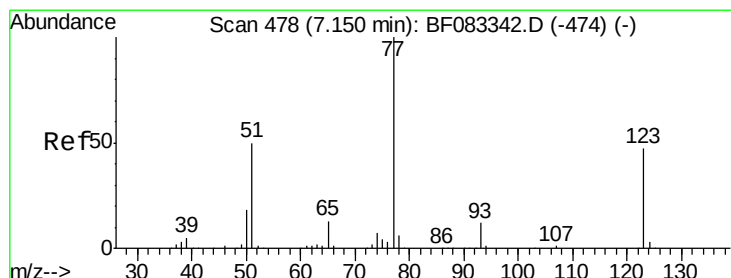
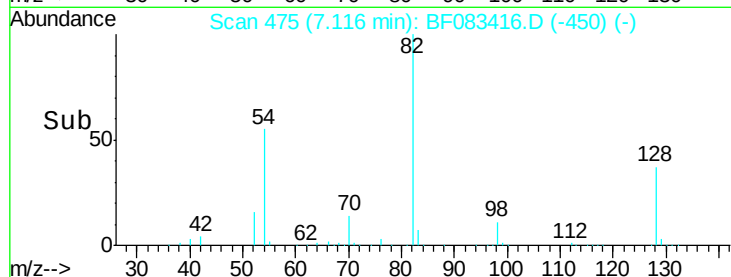
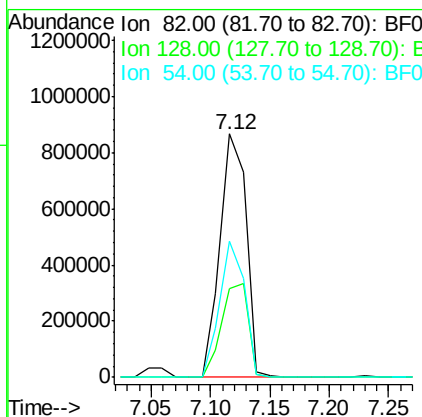
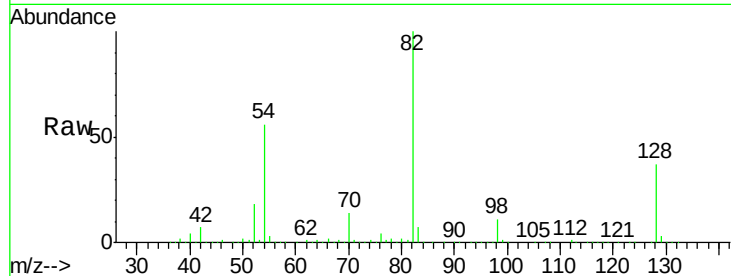
#23
 Nitrobenzene-d5
 Concen: 90.90 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tot Ion	82	Resp	1323309
Ion Ratio	100	Lower	Upper
82	100		
128	36.7	30.6	46.0
54	55.7	43.8	65.6

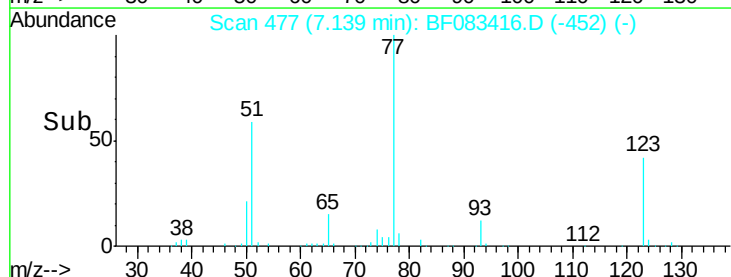
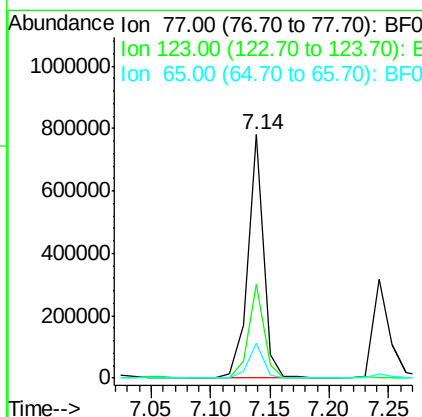
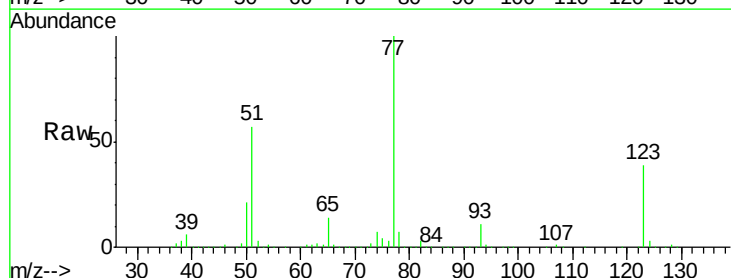
Manual Integrations
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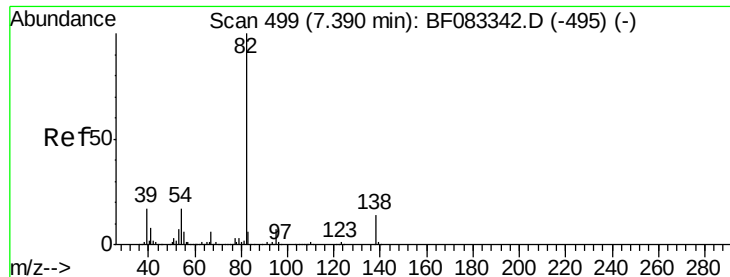
Mmdadoda
 12/3/2015 7:09:28 PM



#24
 Nitrobenzene
 Concen: 45.98 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	77	Resp	714839
Ion Ratio	100	Lower	Upper
77	100		
123	38.8	37.4	56.0
65	14.4	10.6	15.8





#25

Isophorone

Concen: 44.21 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion: 82 Resp: 1246760

Ion Ratio Lower Upper

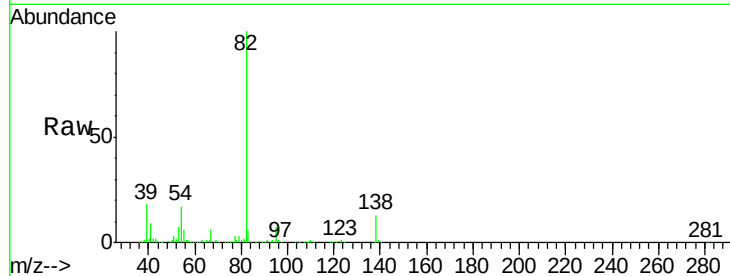
82 100

95 6.7 5.3 7.9

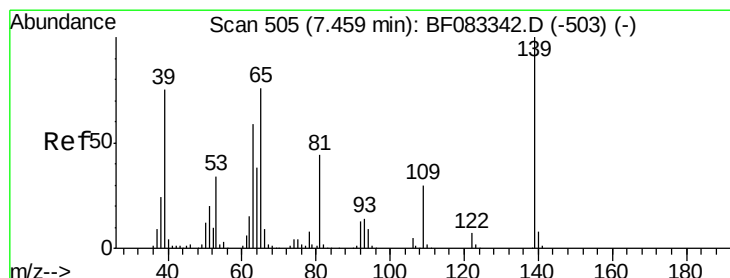
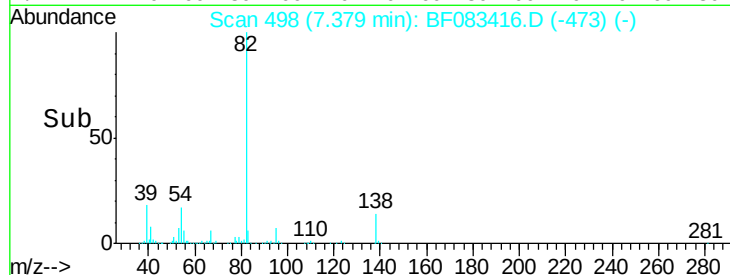
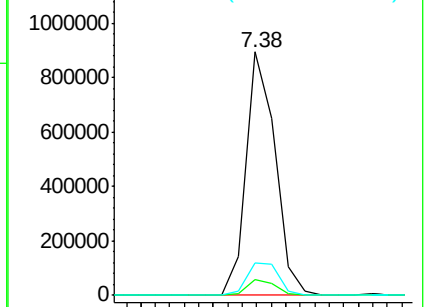
138 13.5 11.6 17.4

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:28 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.10 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

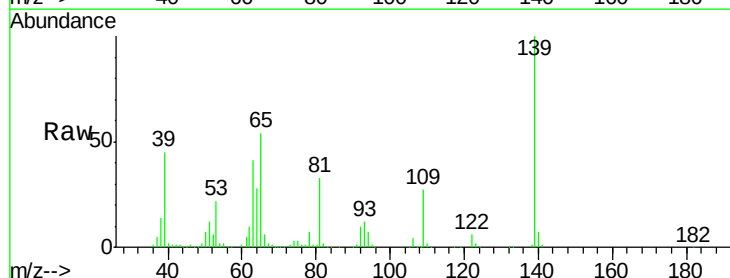
Tgt Ion: 139 Resp: 324260

Ion Ratio Lower Upper

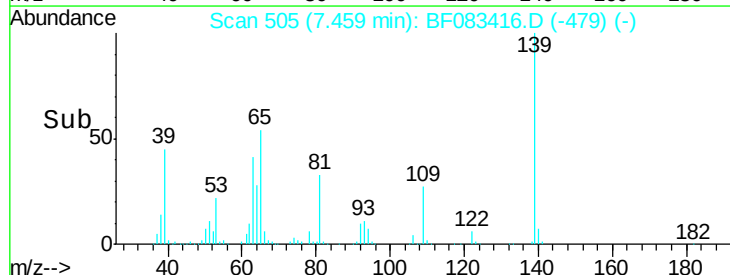
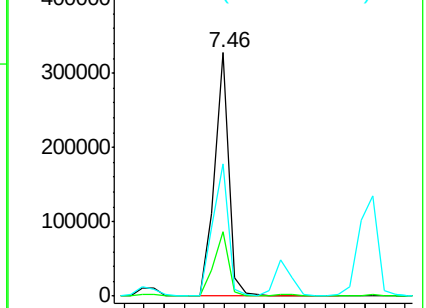
139 100

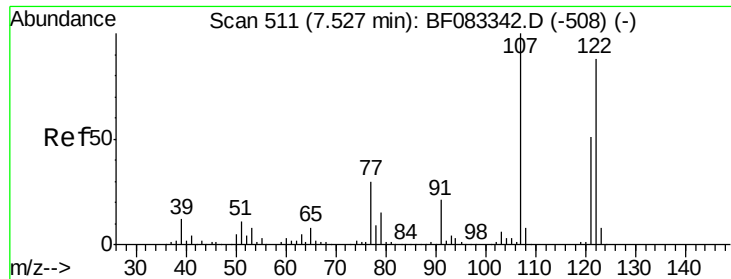
109 26.6 24.2 36.4

65 54.3 61.0 91.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.38 ng

RT: 7.52 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083416.D

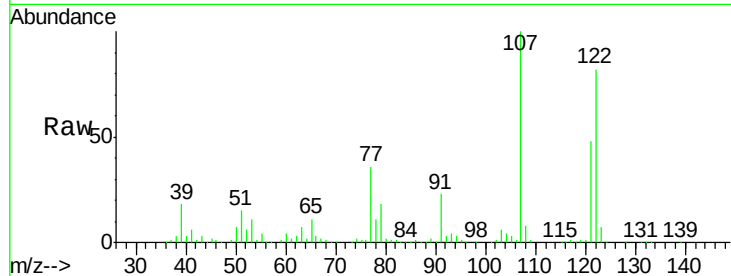
Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

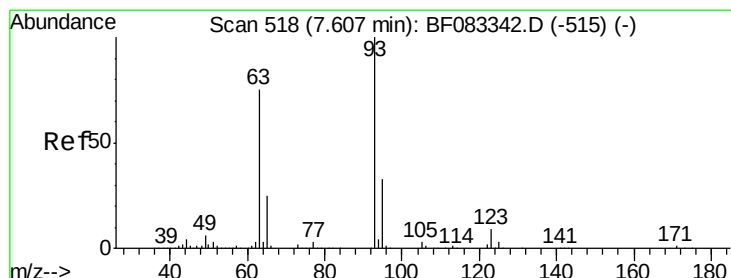
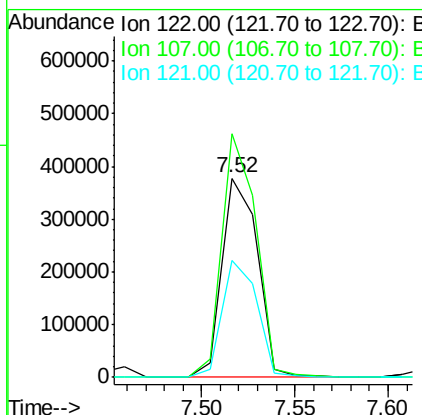
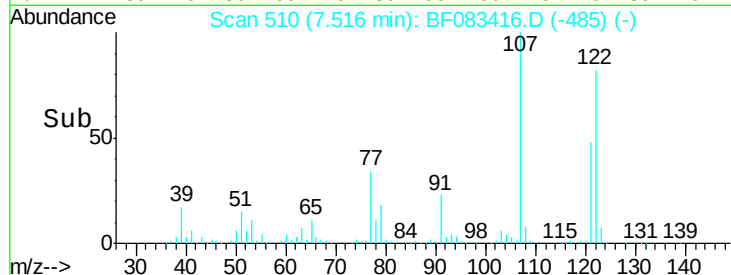
SB-P3WC-07(8-14)MS



Tot Ion:	122	Resp:	504003
Ion Ratio	Lower	Upper	
122	100		
107	122.5	91.2	136.8
121	58.6	46.4	69.6

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 48.17 ng

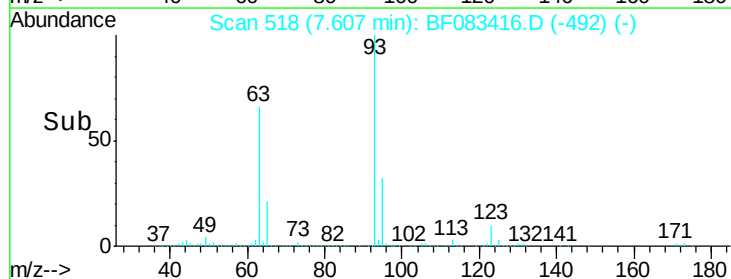
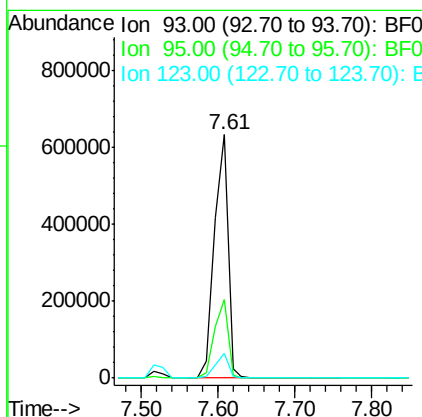
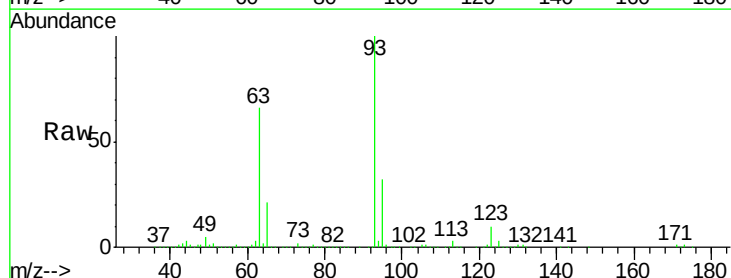
RT: 7.61 min Scan# 518

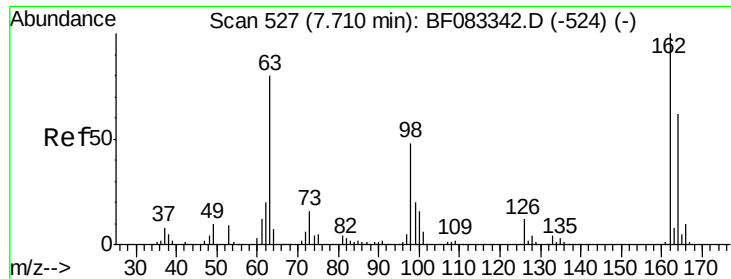
Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	93	Resp:	773576
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.1	39.1
123	10.3	7.4	11.0





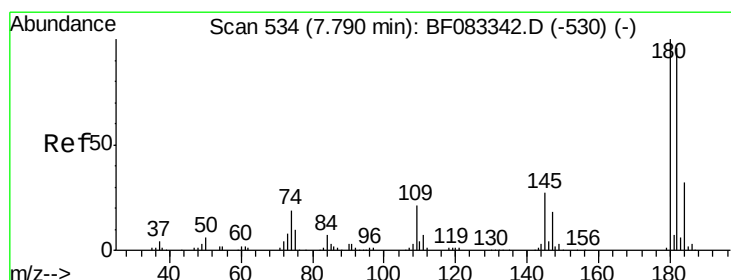
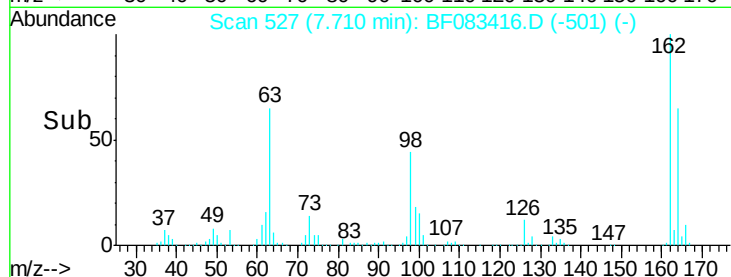
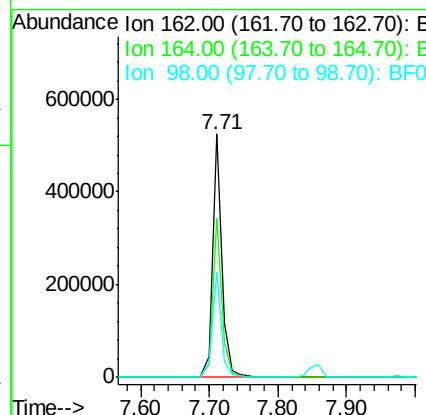
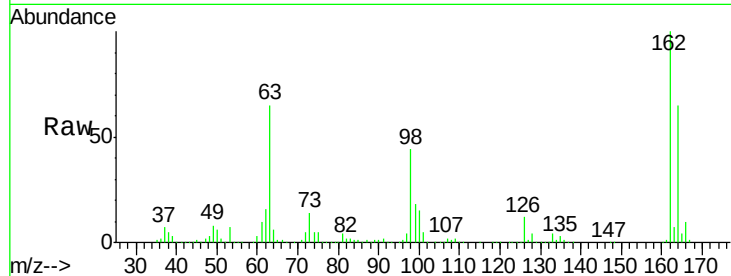
#29
2,4-Dichlorophenol
Concen: 48.32 ng
RT: 7.71 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		494333		
164	65.2	41.9	81.9		
98	43.5	28.1	68.1		

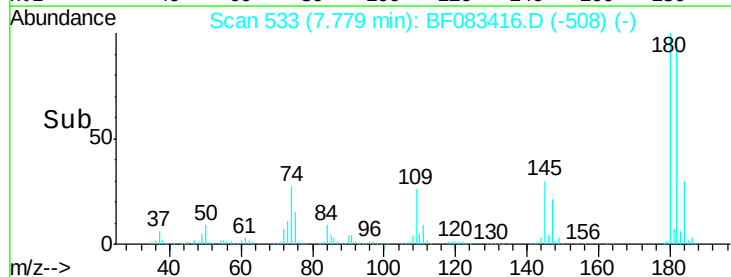
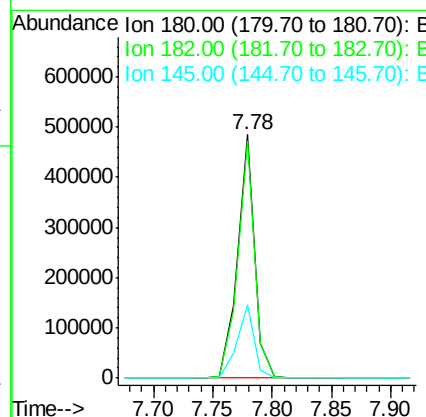
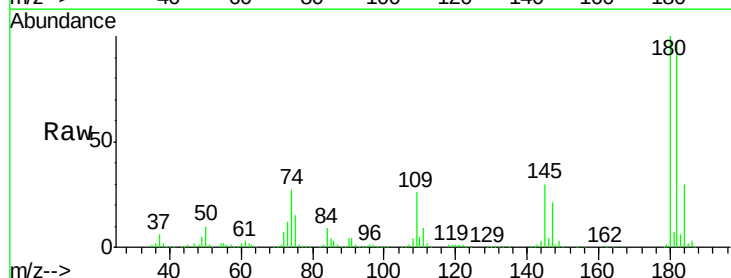
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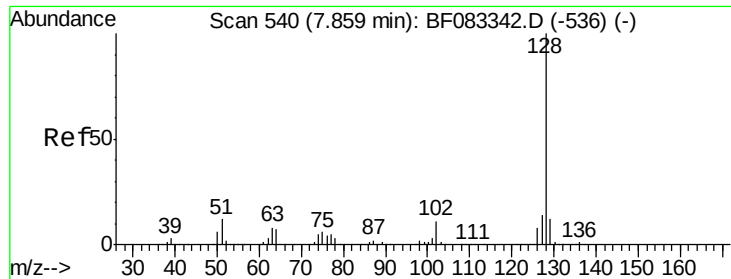
Mmdadoda
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#30
1,2,4-Trichlorobenzene
Concen: 43.49 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		484272		
182	97.3	77.2	115.8		
145	30.1	21.4	32.2		





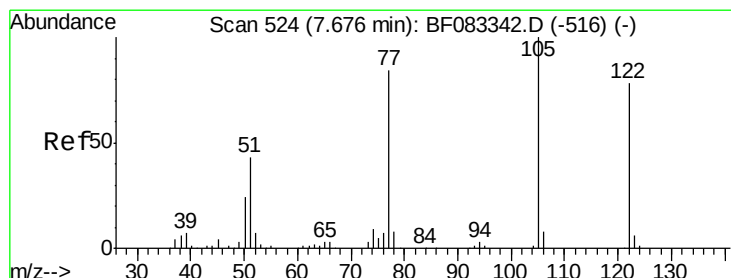
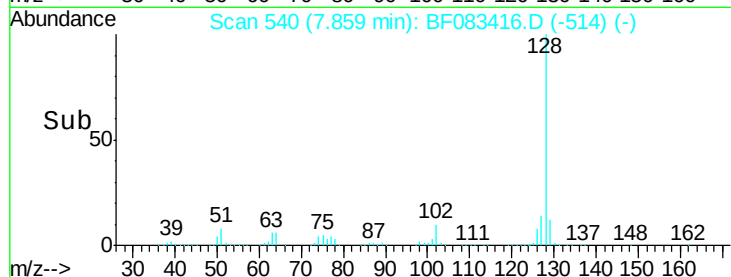
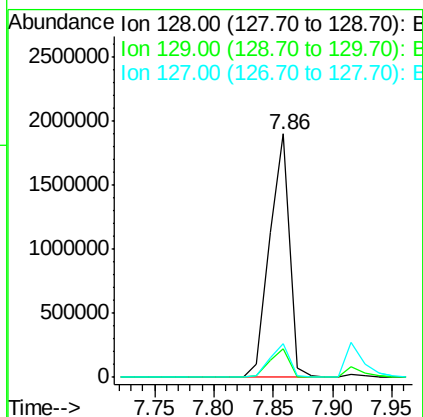
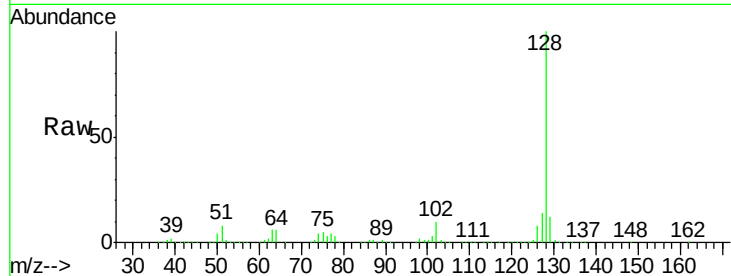
#31
Naphthalene
Concen: 63.63 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.7	14.5
127	13.9	11.0	16.4

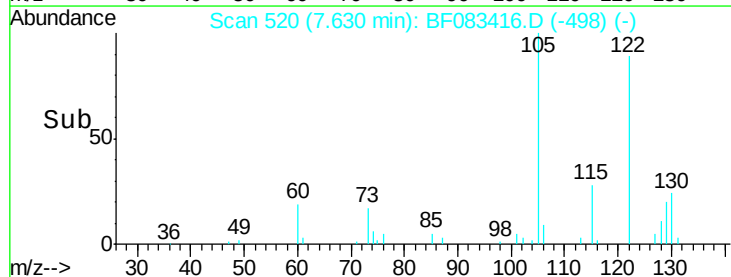
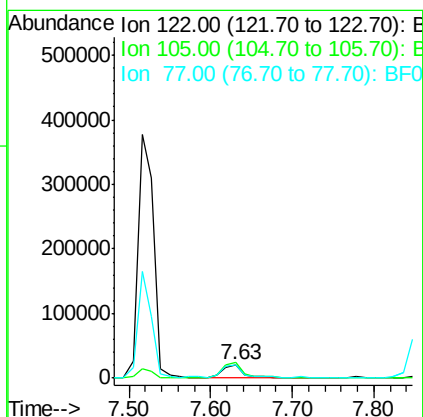
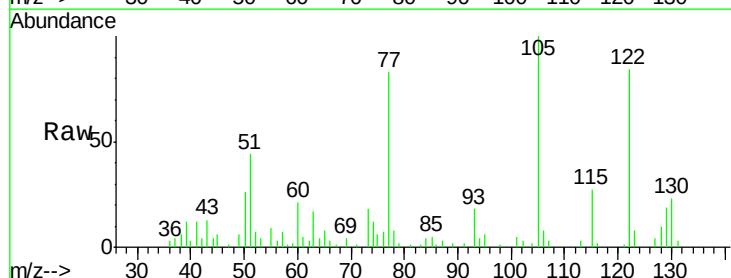
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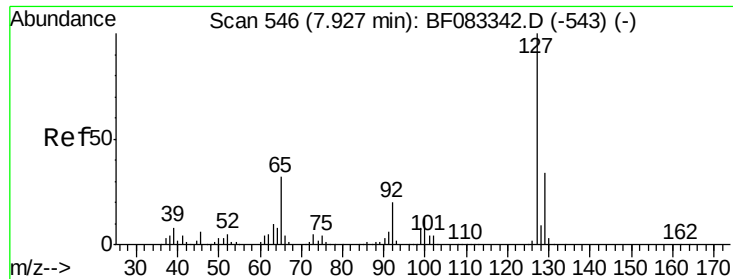
Mmdadoda
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#32
Benzoic acid
Concen: 5.38 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	106.0	146.0
77	98.9	86.3	126.3





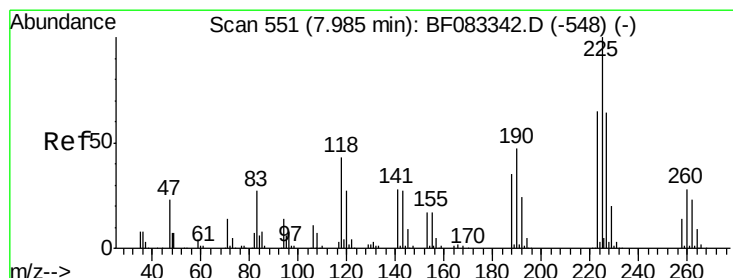
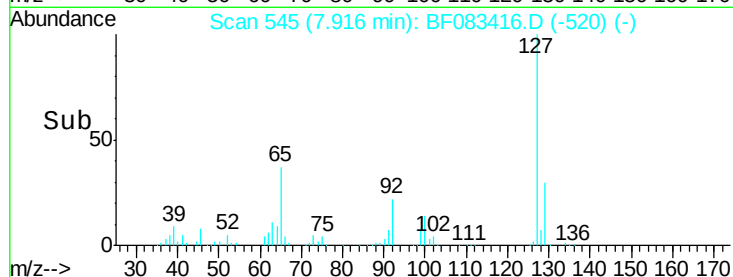
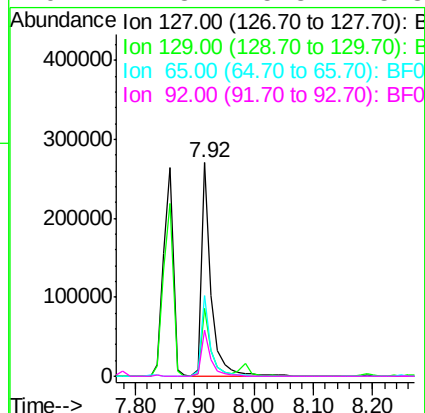
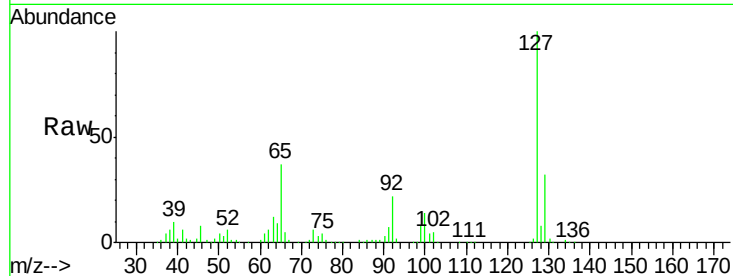
#33
4-Chloroaniline
Concen: 21.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9		27.0	40.4	
65	37.5		25.9	38.9	
92	21.8		15.8	23.8	

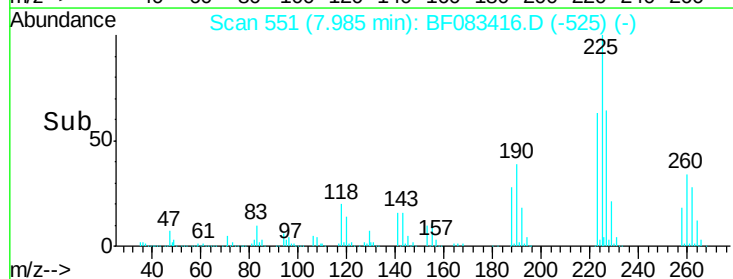
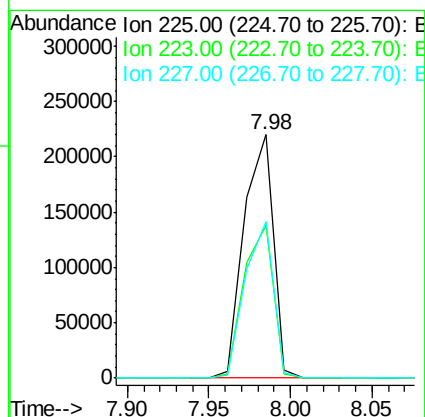
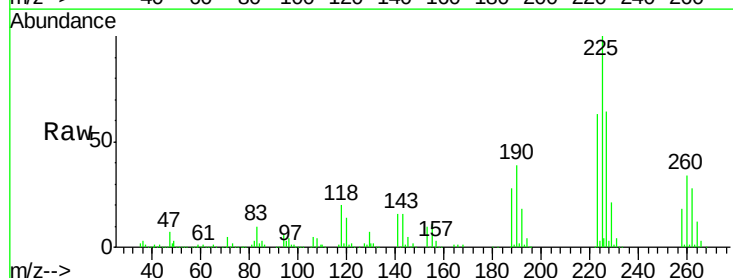
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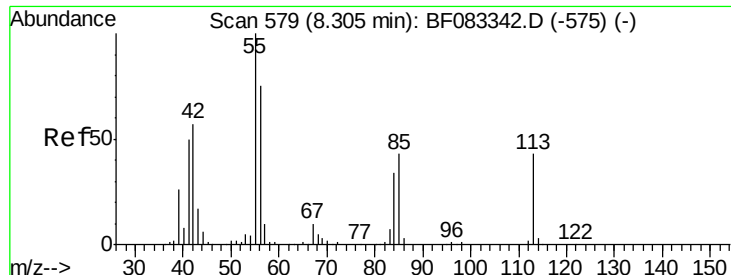
Mmdadoda
12/3/2015 7:09:28 PM



#34
Hexachlorobutadiene
Concen: 43.11 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8		52.0	78.0	
227	64.3		51.1	76.7	





#35

Caprolactam

Concen: 49.55 ng/ml

RT: 8.30 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

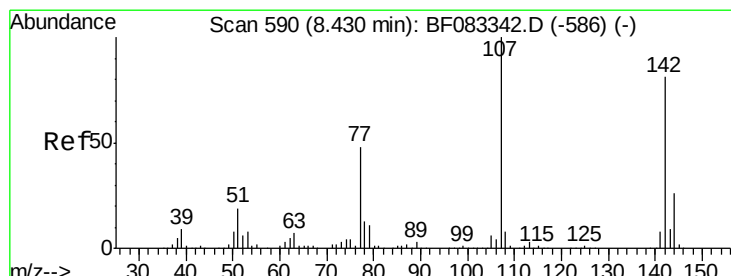
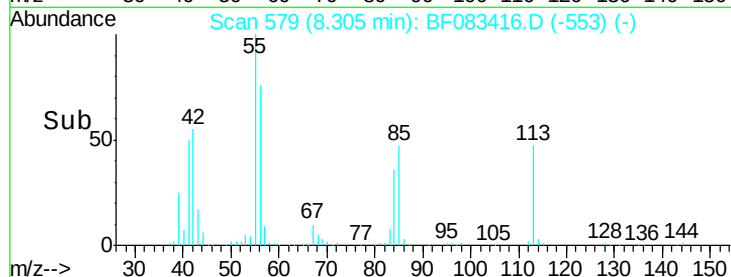
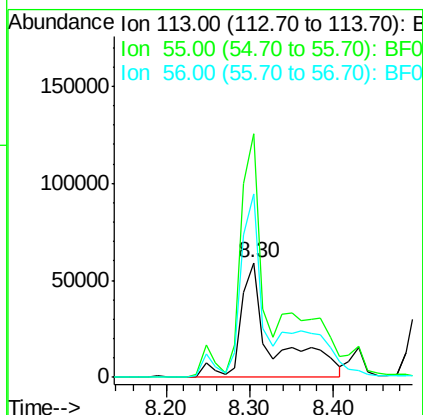
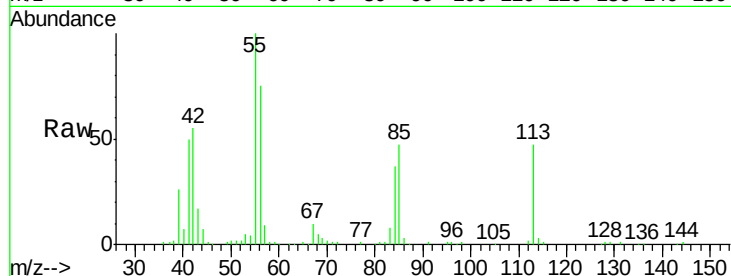
ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:	113	Resp:	160180
Ion Ratio	Lower	Upper	
113	100		
55	212.4	211.6	251.6
56	160.3	153.0	193.0

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#36

4-Chloro-3-methylphenol

Concen: 49.20 ng/ml

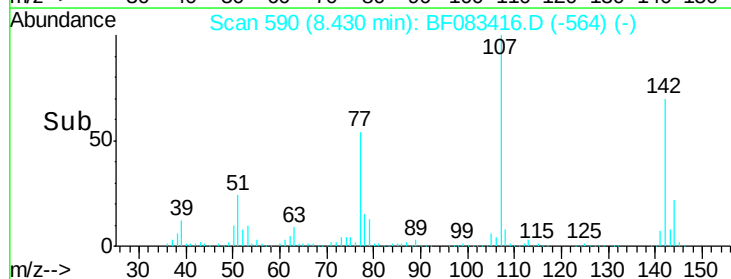
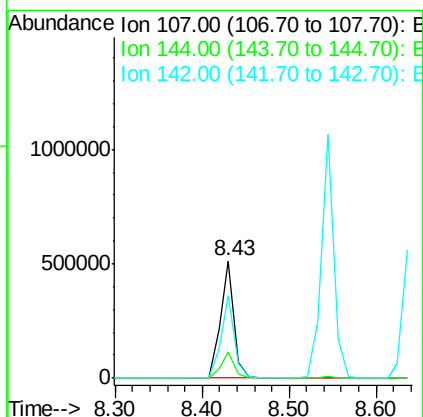
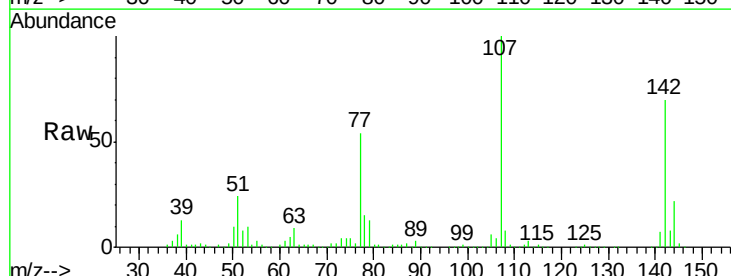
RT: 8.43 min Scan# 590

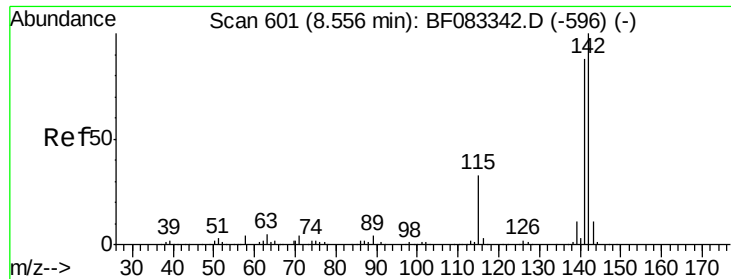
Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	107	Resp:	564607
Ion Ratio	Lower	Upper	
107	100		
144	22.4	21.1	31.7
142	70.2	65.1	97.7





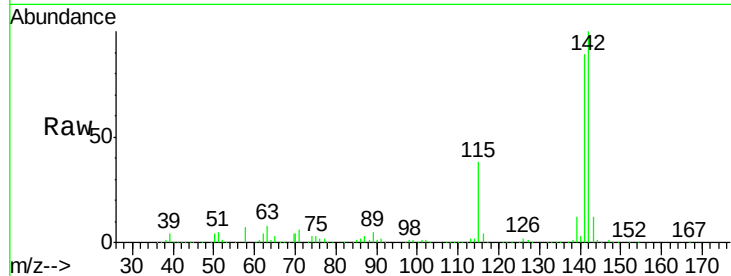
#37
2-Methylnaphthalene
Concen: 44.22 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

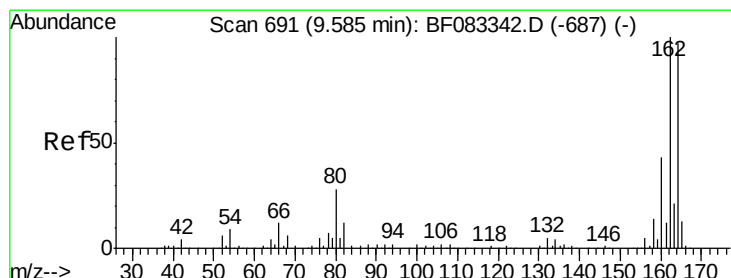
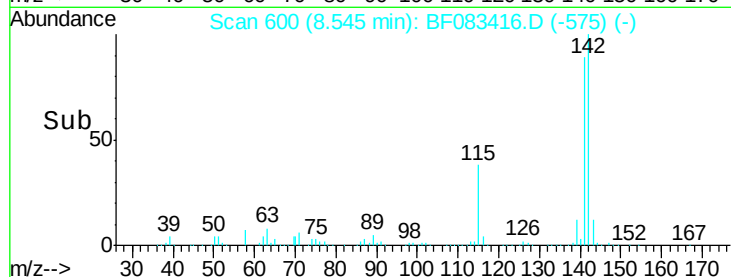
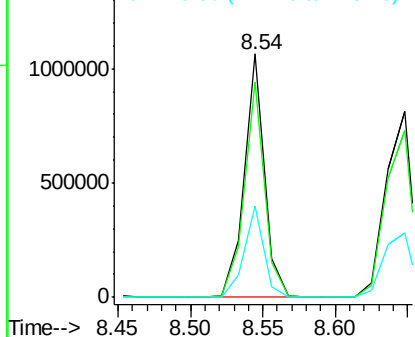
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	105.8
115	37.8	26.2	39.2

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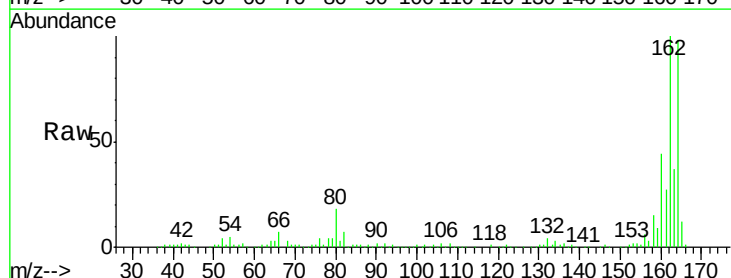


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

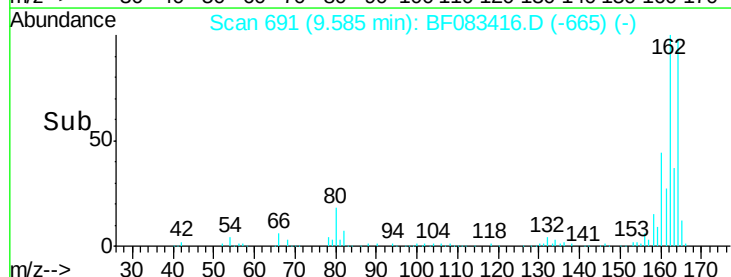
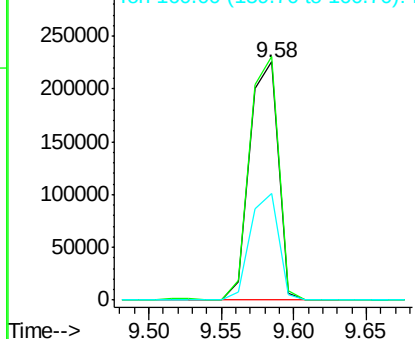


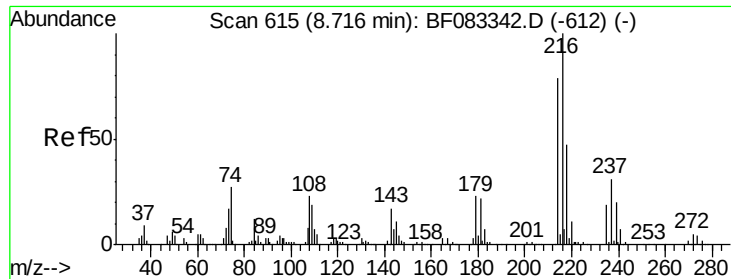
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.9	35.3	52.9



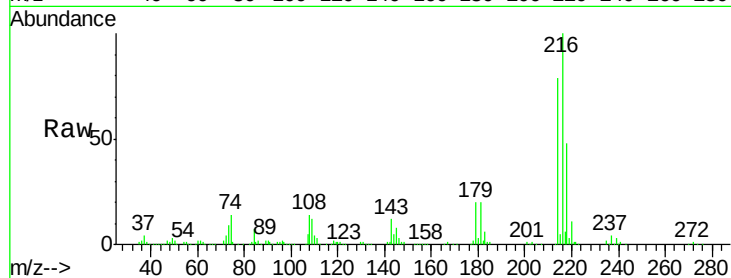
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.01 ng
 RT: 8.72 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

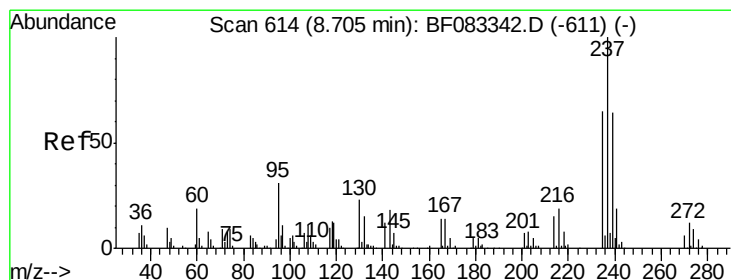
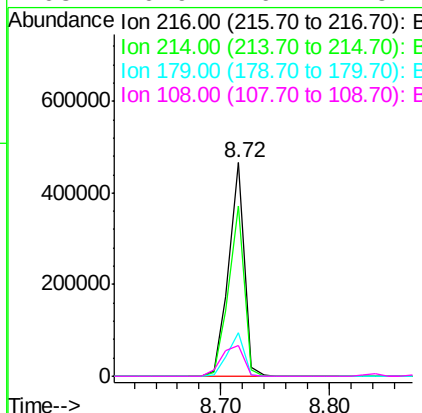
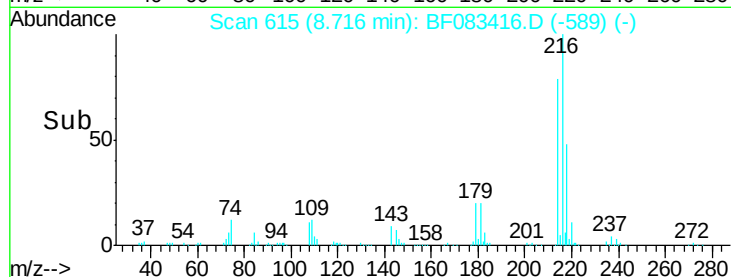
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS



Tot Ion:	216	Resp:	461366
Ion Ratio		Lower	Upper
216	100		
214	80.3	62.3	93.5
179	21.4	17.0	25.4
108	20.9	16.7	25.1

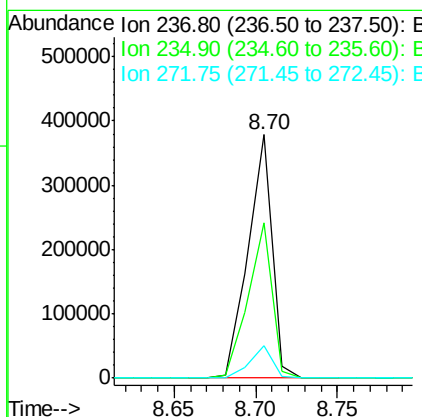
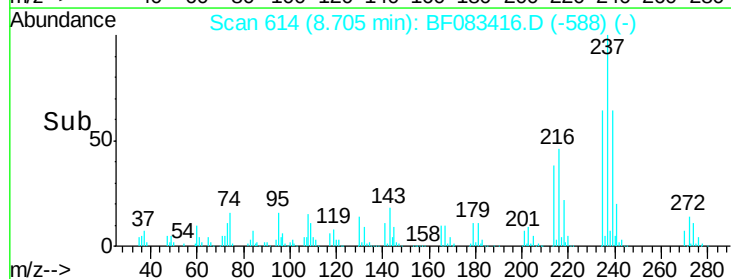
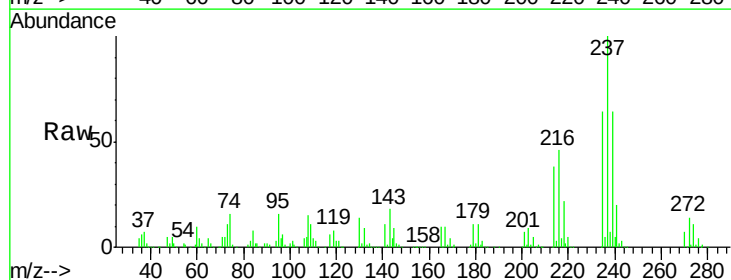
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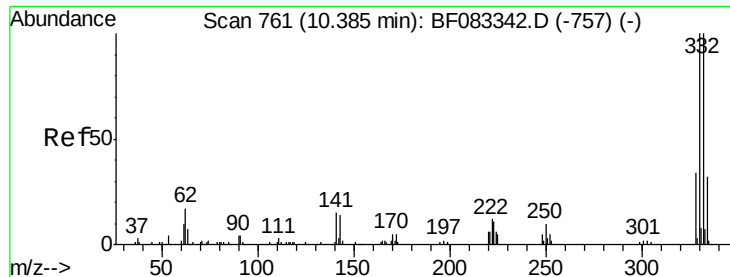
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#40
 Hexachlorocyclopentadiene
 Concen: 83.13 ng
 RT: 8.70 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion:	237	Resp:	387588
Ion Ratio		Lower	Upper
237	100		
235	63.8	44.5	84.5
272	13.6	0.0	31.6





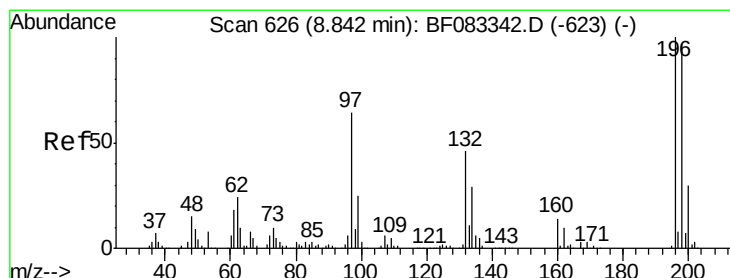
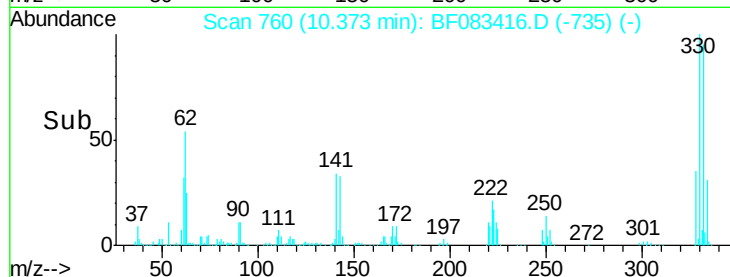
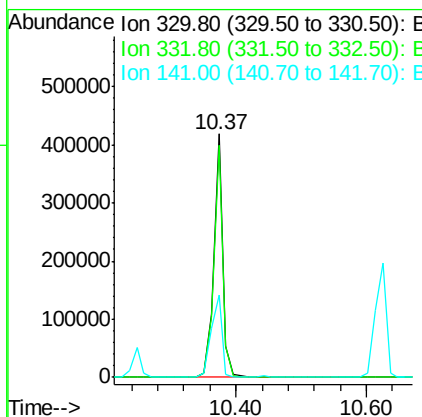
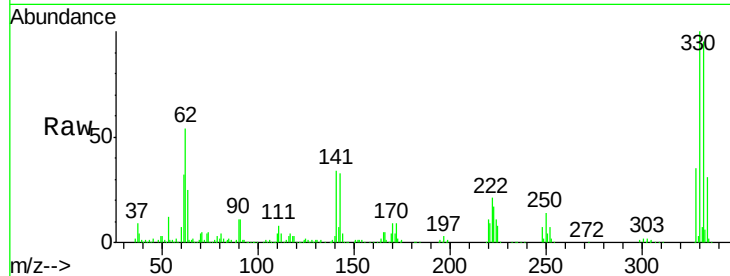
#41
 2,4,6-Tribromophenol
 Concen: 132.50 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.8	116.6	
141	40.2	29.4	44.0	

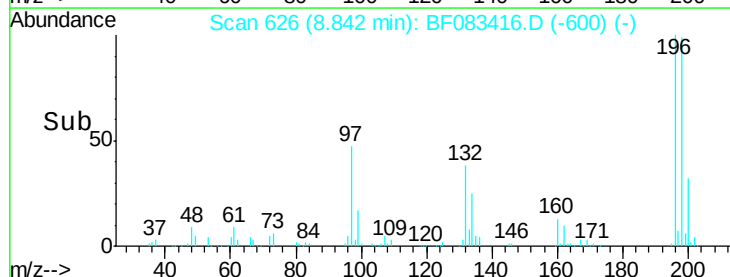
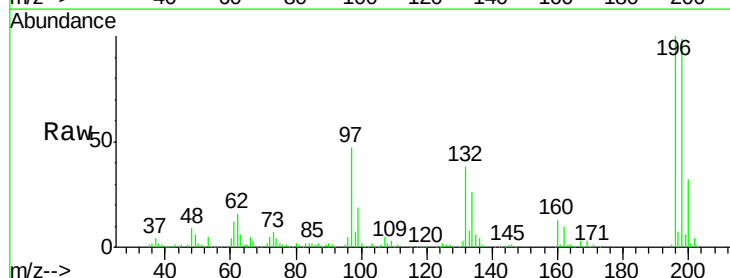
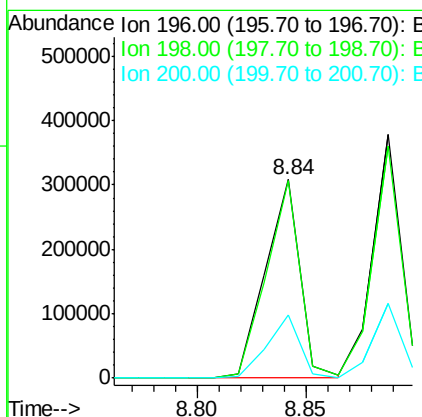
Manual Integrations
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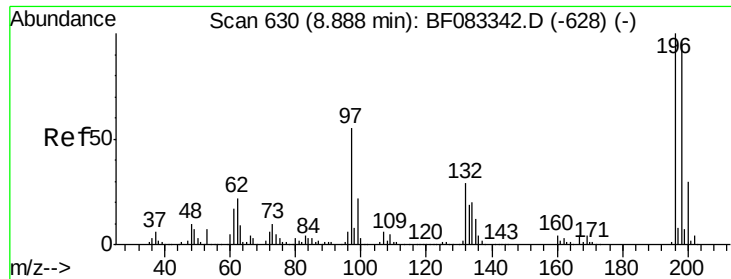
Mmdadoda
 12/3/2015 7:09:28 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.62 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.3	77.2	115.8	
200	31.9	24.2	36.4	





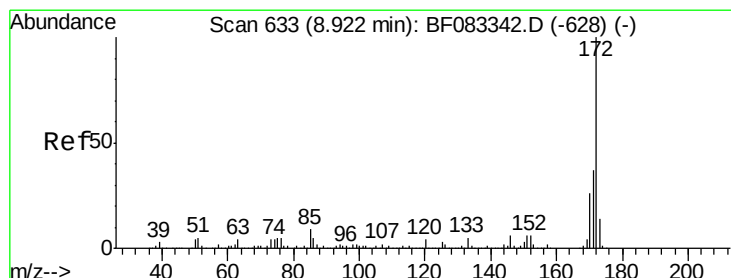
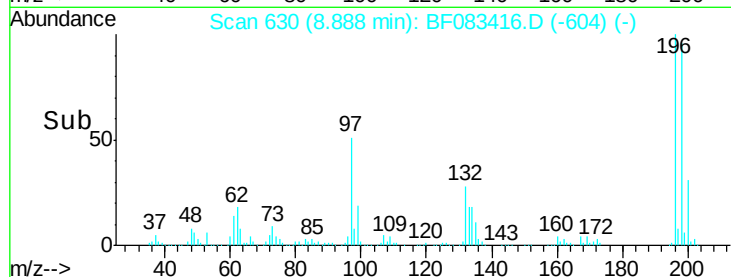
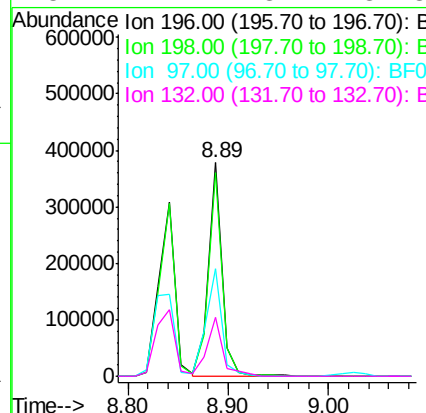
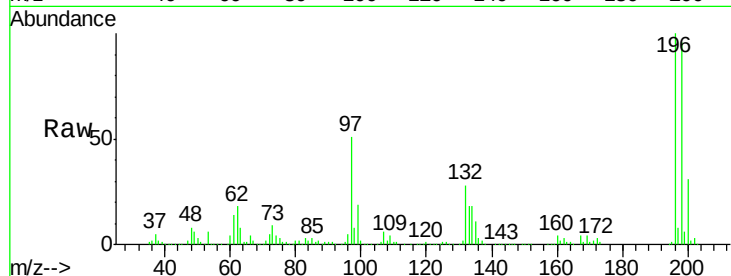
#43
 2,4,5-Trichlorophenol
 Concen: 49.97 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	356449		
198	95.5	77.2	115.8	
97	50.5	44.4	66.6	
132	27.7	23.2	34.8	

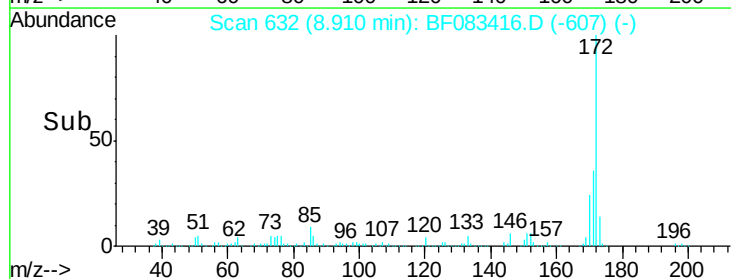
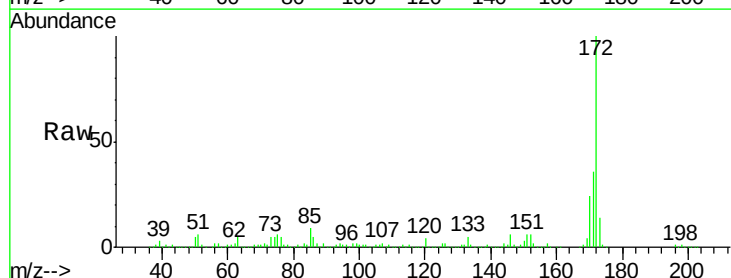
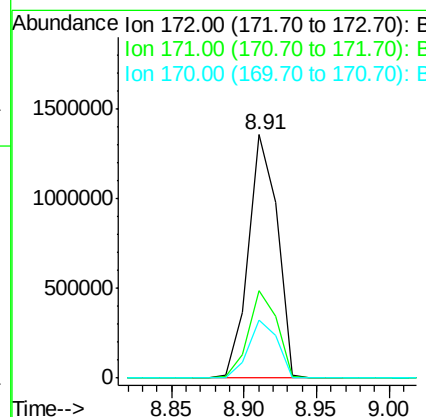
Manual Integrations
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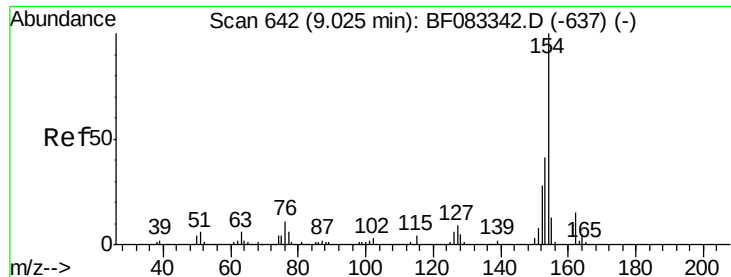
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#44
 2-Fluorobiphenyl
 Concen: 86.19 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1872686		
171	36.2	29.4	44.0	
170	23.9	20.4	30.6	





#45

1,1'-Biphenyl

Concen: 47.45 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:154 Resp: 1288235

Ion Ratio Lower Upper

154 100

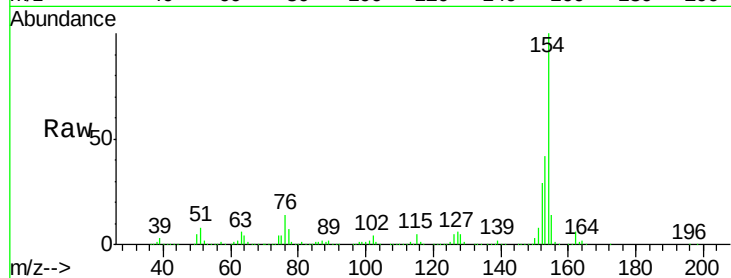
153 41.8 20.6 60.6

76 14.0 0.0 30.5

Manual Integrations
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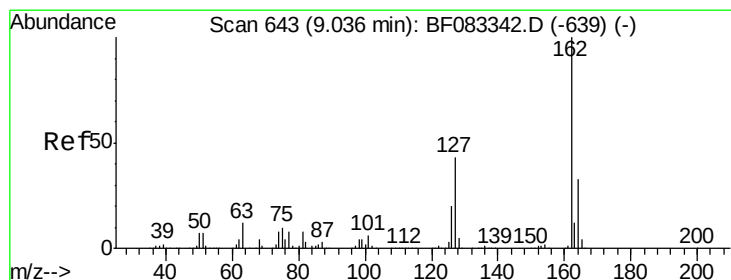
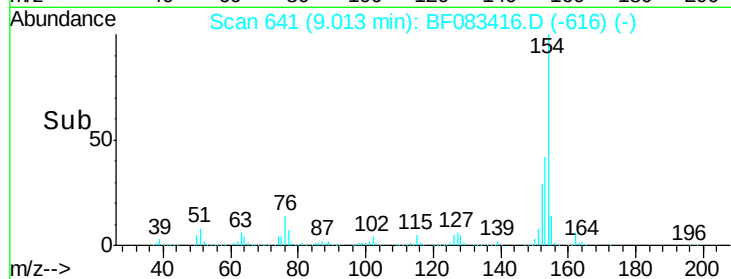
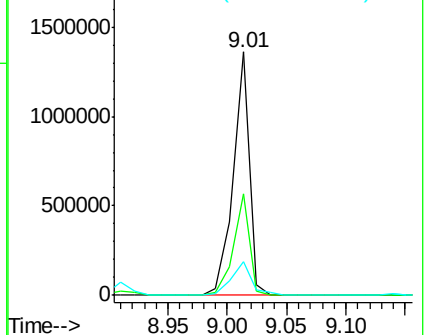
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.80 ng

RT: 9.04 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

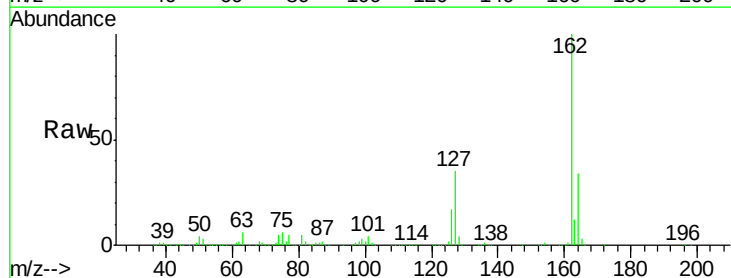
Tgt Ion:162 Resp: 989065

Ion Ratio Lower Upper

162 100

127 35.2 34.1 51.1

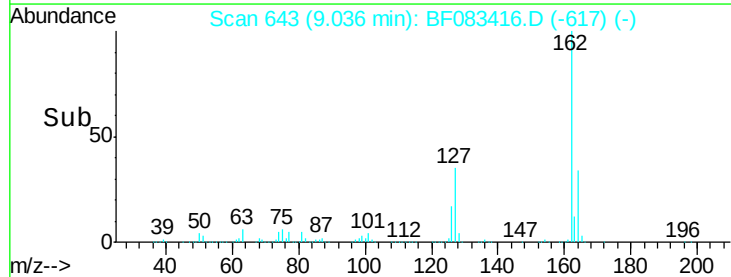
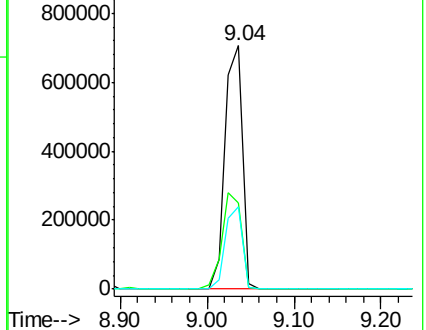
164 33.8 26.6 39.8

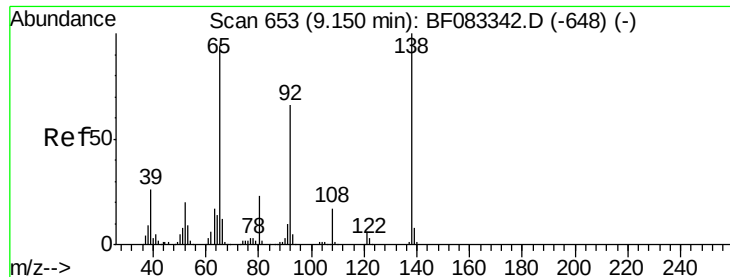


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





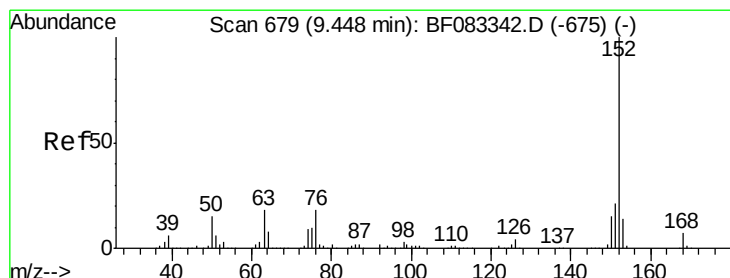
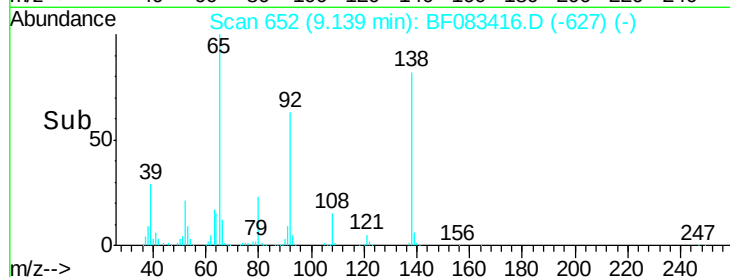
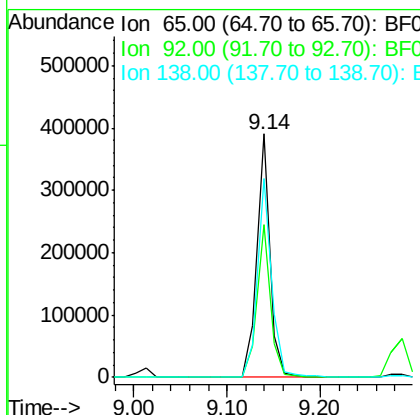
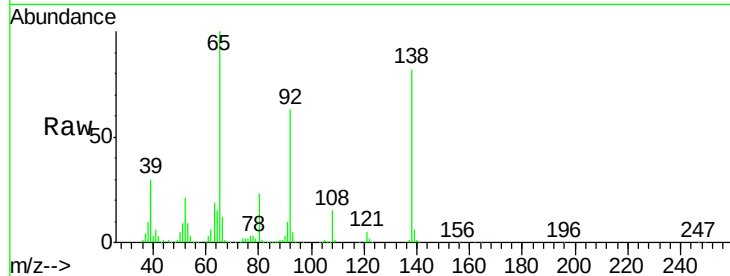
#47
2-Nitroaniline
Concen: 46.72 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	56.2	84.4
138	81.8	85.4	128.0

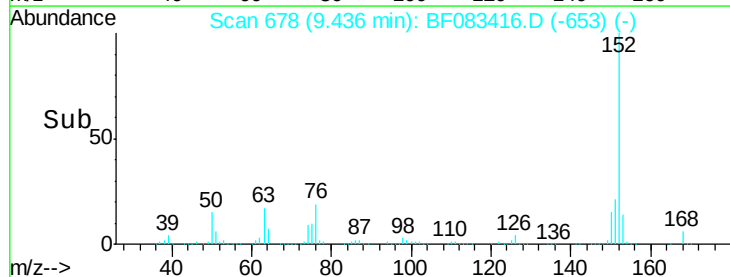
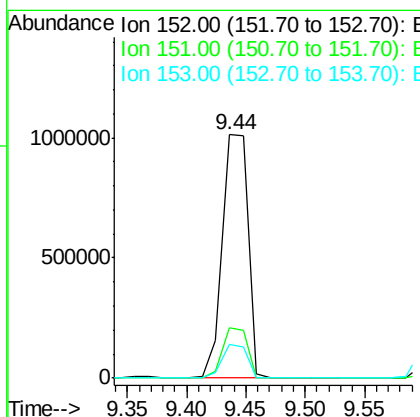
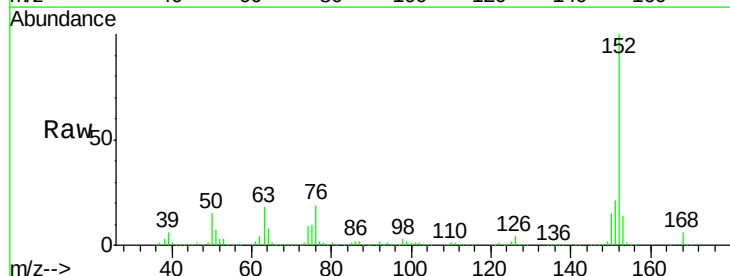
Manual Integrations
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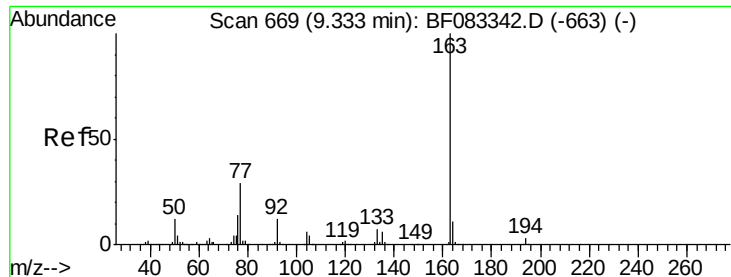
Mmdadoda
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#48
Acenaphthylene
Concen: 45.99 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1
153	14.0	11.2	16.8





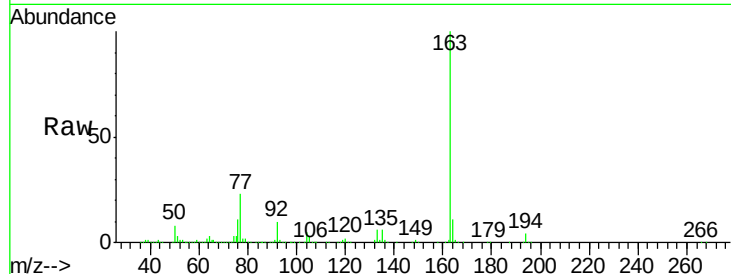
#49
Dimethylphthalate
Concen: 64.27 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

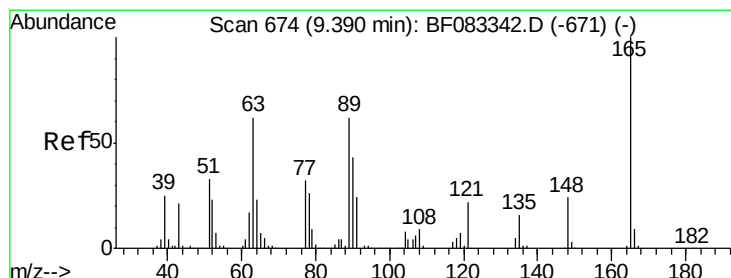
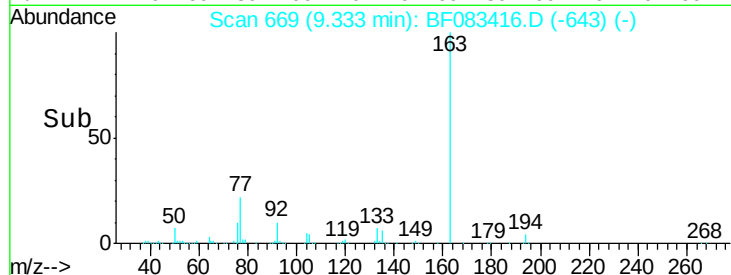
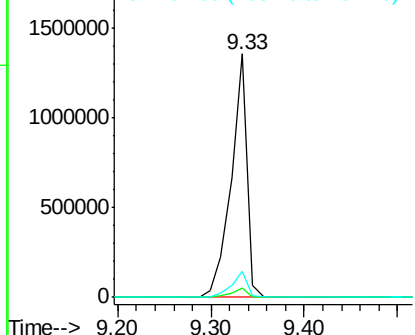
Tot Ion:163 Resp: 1617188
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.6 8.8 13.2

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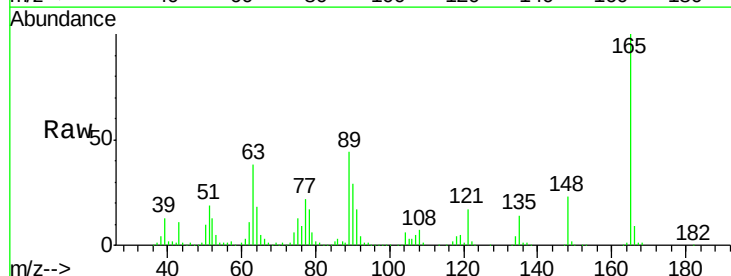


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

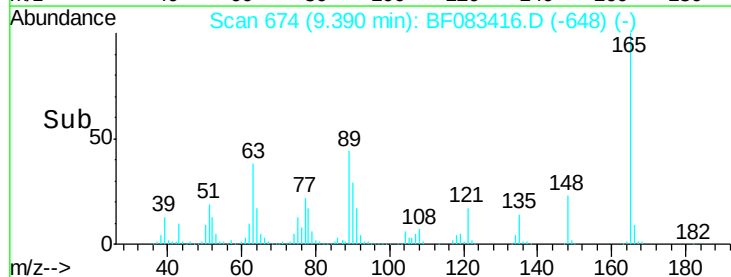
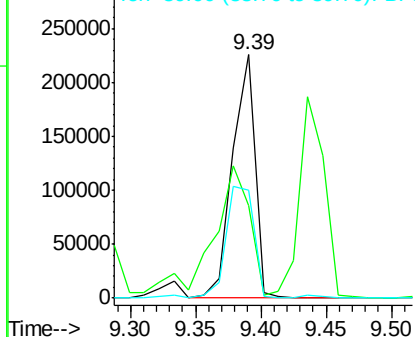


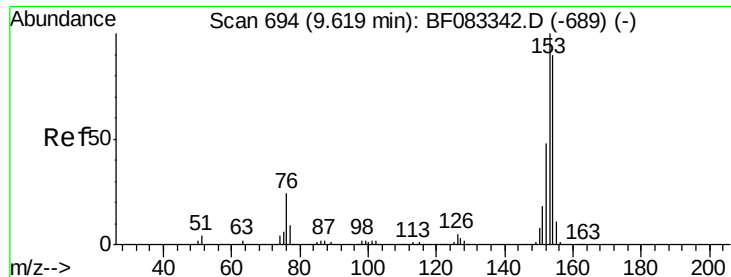
#50
2,6-Dinitrotoluene
Concen: 50.23 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion:165 Resp: 269899
Ion Ratio Lower Upper
165 100
63 38.2 56.0 84.0#
89 44.5 49.8 74.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.78 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

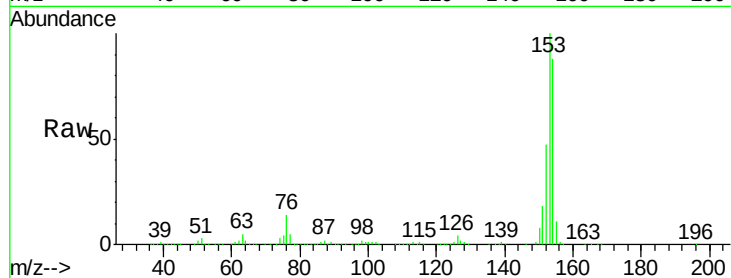
ClientSampleId :

SB-P3WC-07(8-14)MS

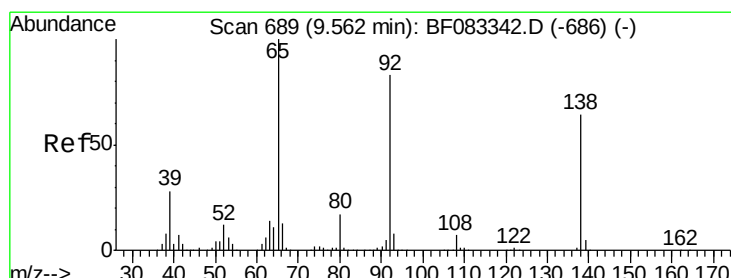
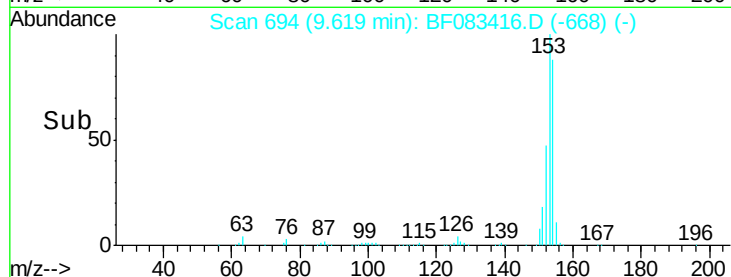
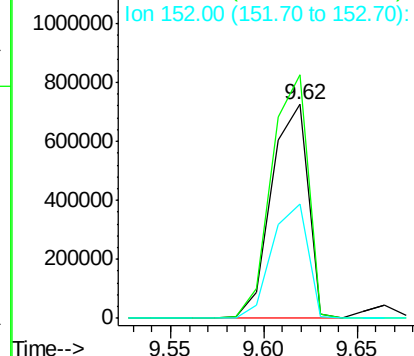
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Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.3	133.9
152	53.7	42.5	63.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.80 ng

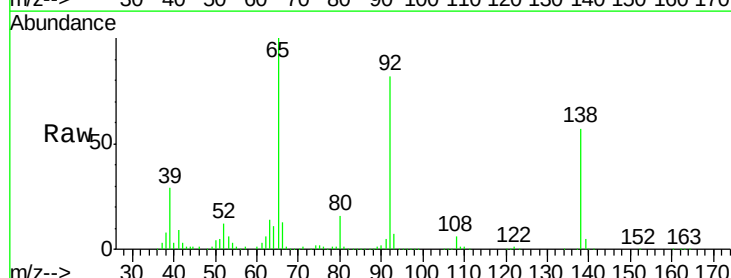
RT: 9.55 min Scan# 688

Delta R.T. -0.01 min

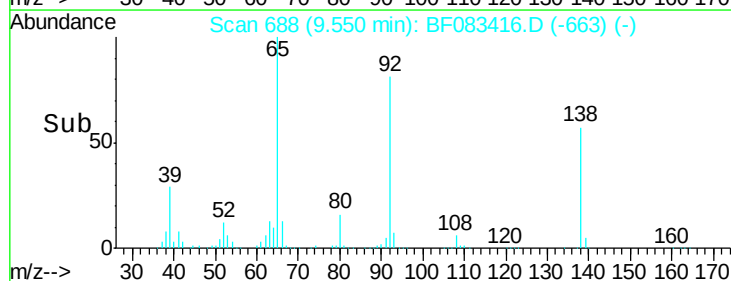
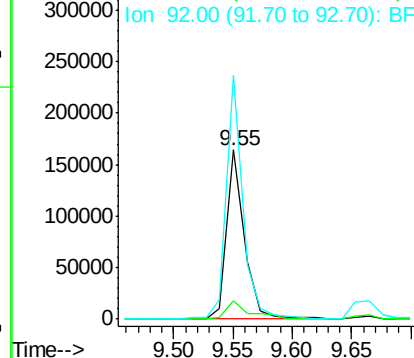
Lab File: BF083416.D

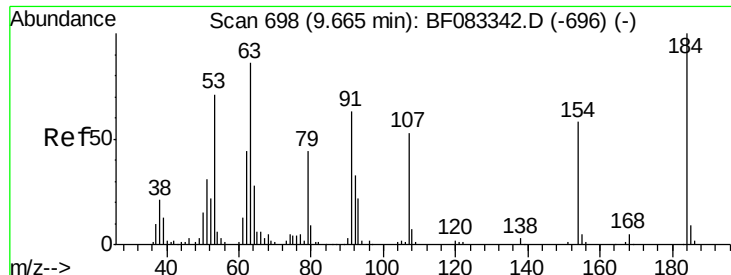
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.4	12.6
92	143.9	104.2	156.4



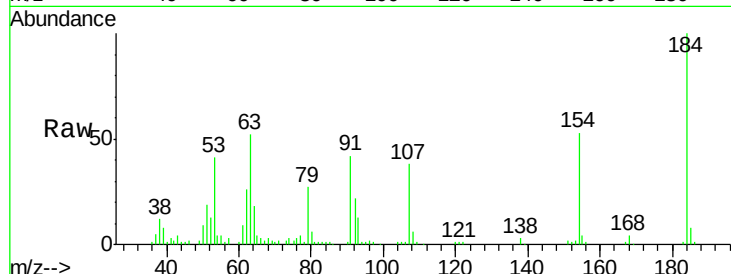
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 32.60 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

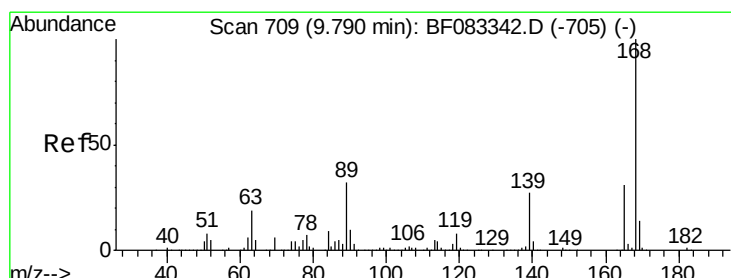
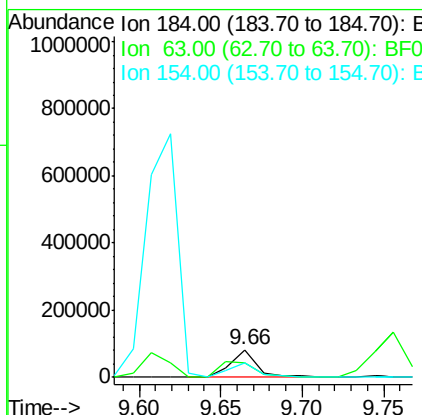
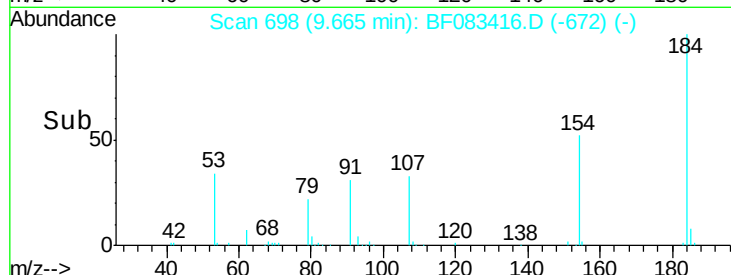
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS



Tot Ion	Ratio	Lower	Upper
184	100		
63	51.8	69.0	103.6#
154	53.0	50.0	75.0

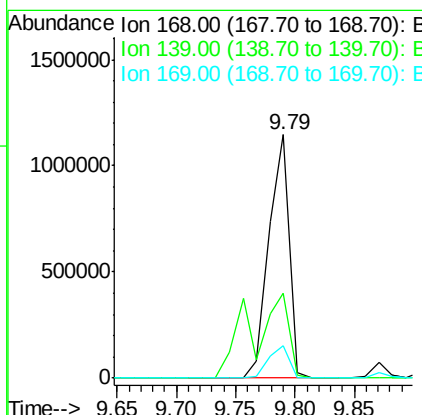
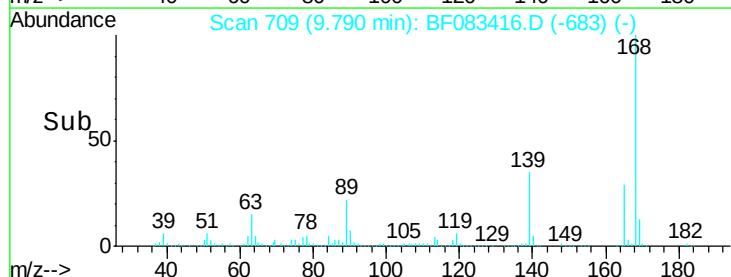
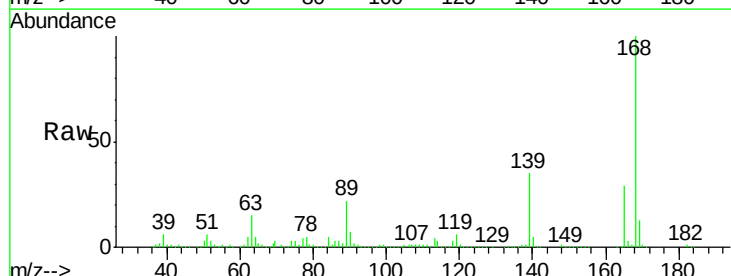
Manual Integrations
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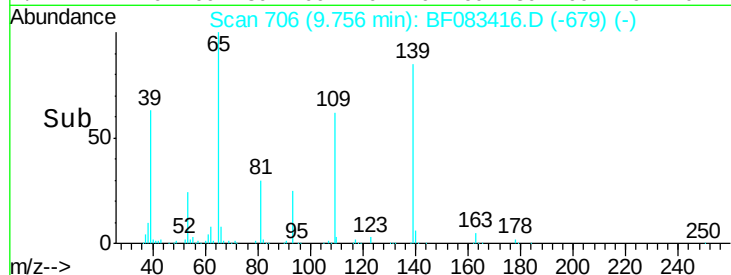
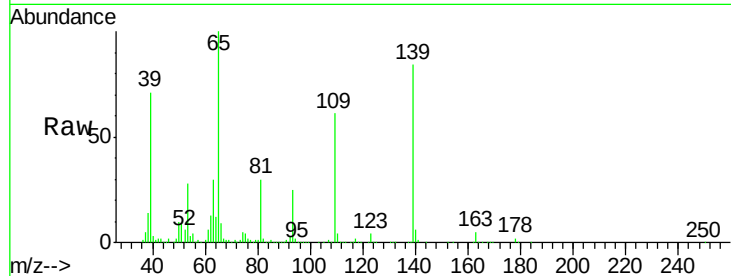
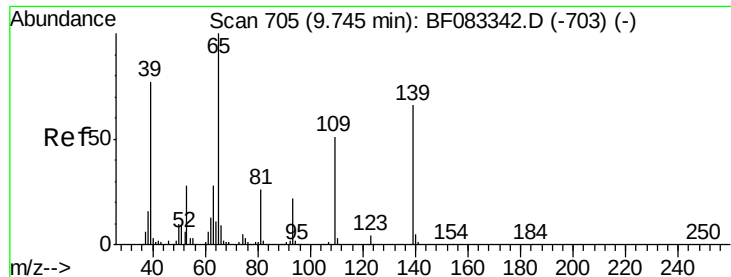
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#54
 Dibenzofuran
 Concen: 48.09 ng
 RT: 9.79 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	32.7	49.1
169	13.2	11.1	16.7





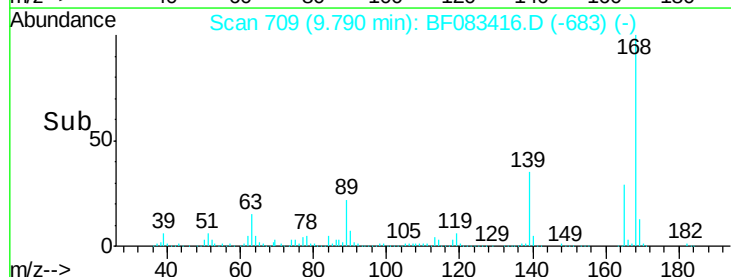
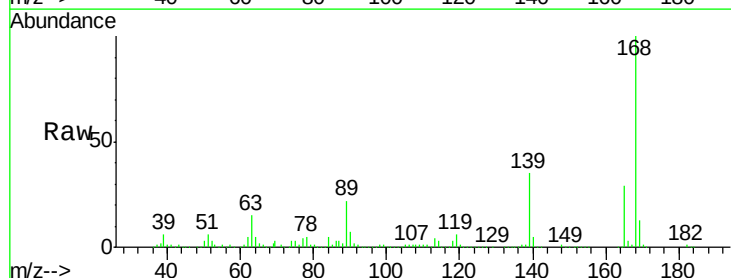
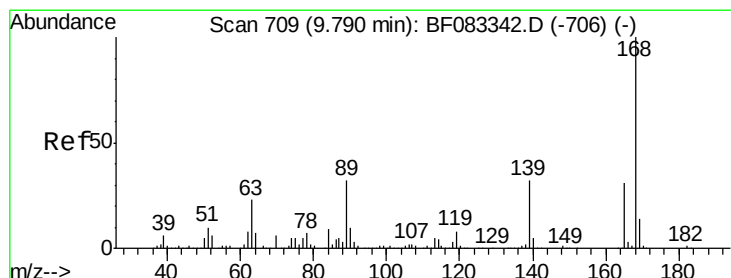
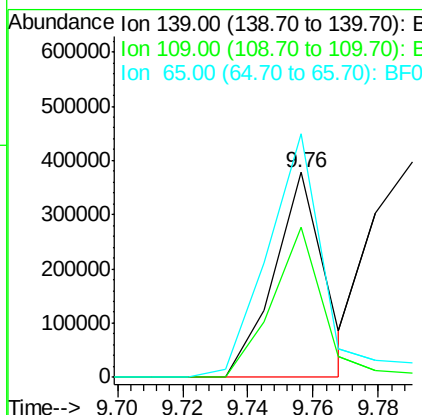
#55
4-Nitrophenol
Concen: 102.44 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.9	57.4	97.4	
65	118.7	131.6	171.6	

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

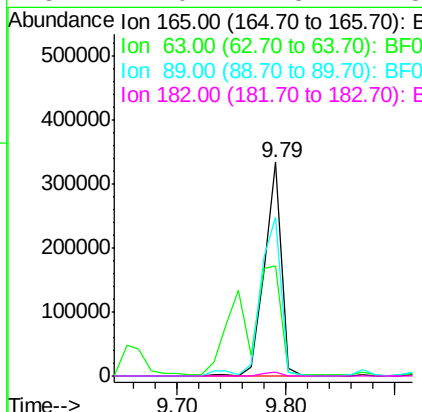
Manual Integrations
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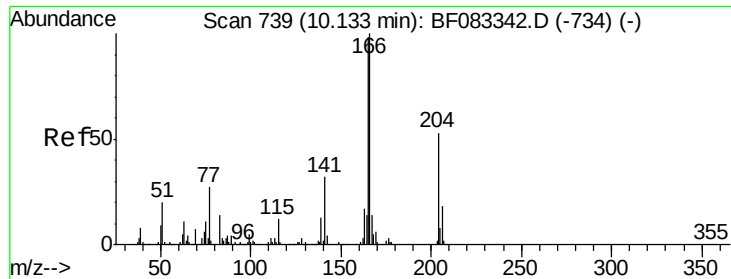
Mmdadoda
12/3/2015 7:09:28 PM



#56
2,4-Dinitrotoluene
Concen: 53.33 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.5	65.4	98.0	
89	74.2	81.2	121.8	
182	2.0	1.8	2.8	





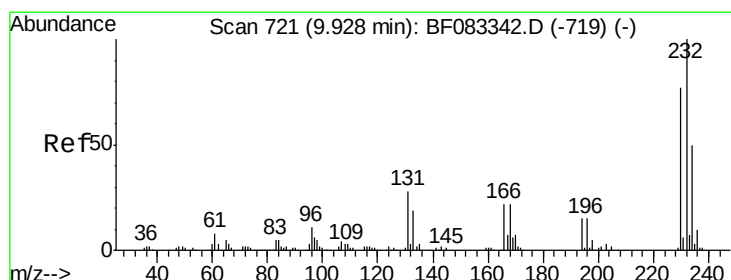
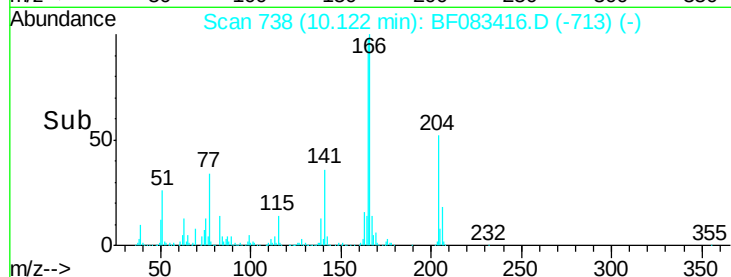
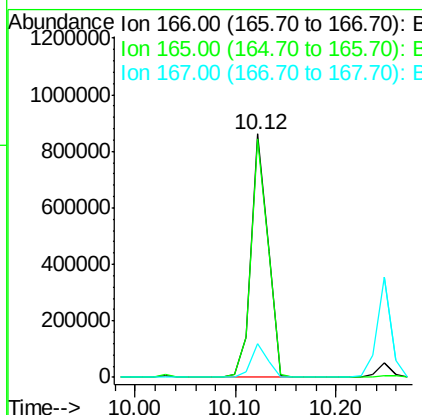
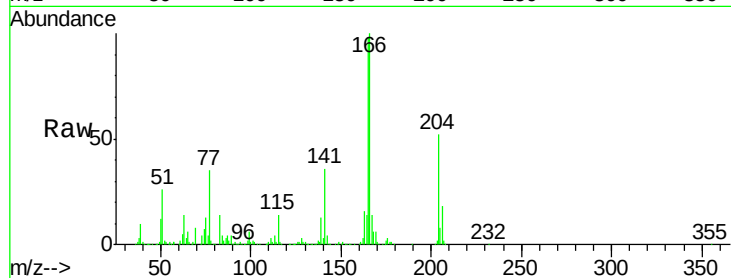
#57
 Fluorene
 Concen: 45.01 ng
 RT: 10.12 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
1011041	166	100			
	165	98.1	78.3	117.5	
	167	14.0	11.1	16.7	

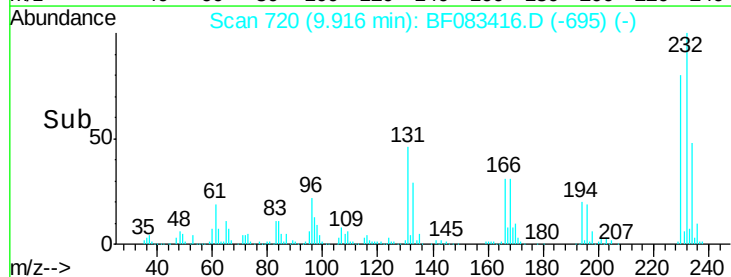
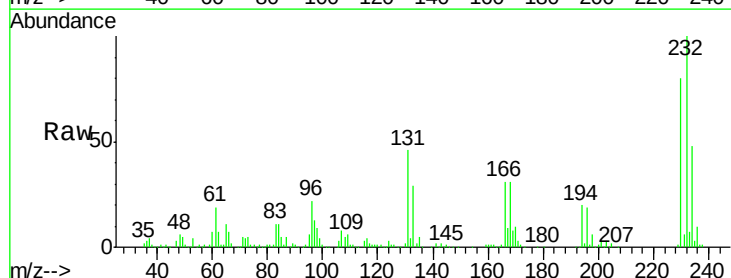
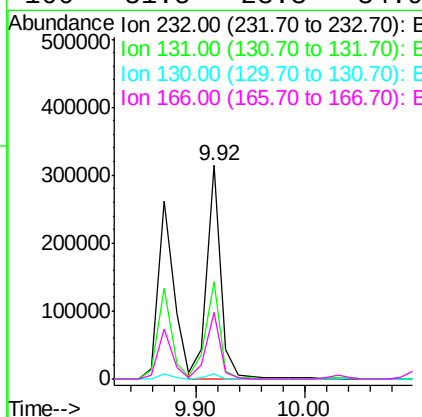
Manual Integrations
 APPROVED

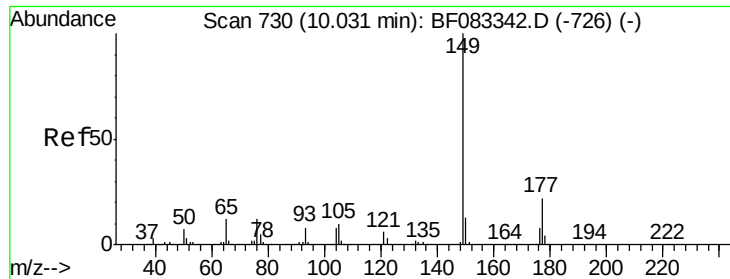
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 12/3/2015 7:09:28 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.33 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
283914	232	100			
	131	47.2	35.4	53.2	
	130	2.4	1.7	2.5	
	166	31.5	23.3	34.9	





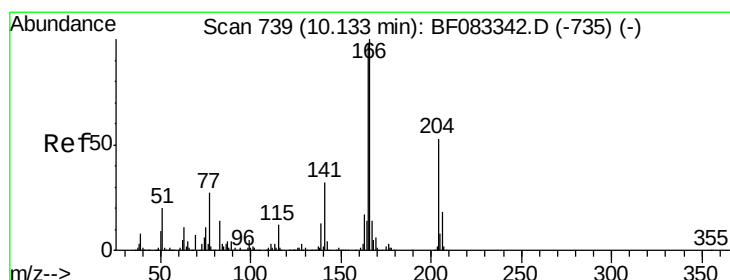
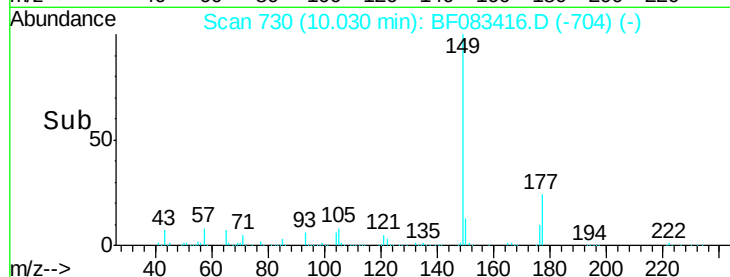
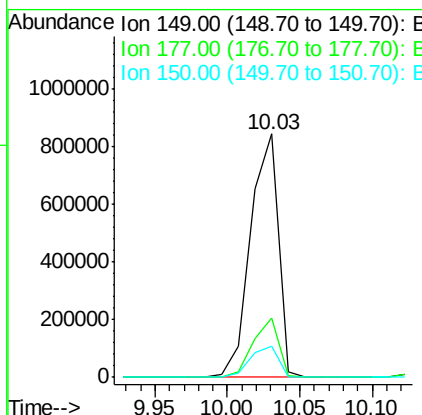
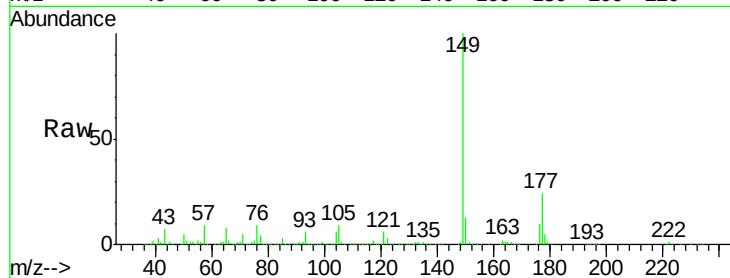
#59
Diethylphthalate
Concen: 46.88 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	17.4	26.2
150	12.6	10.4	15.6

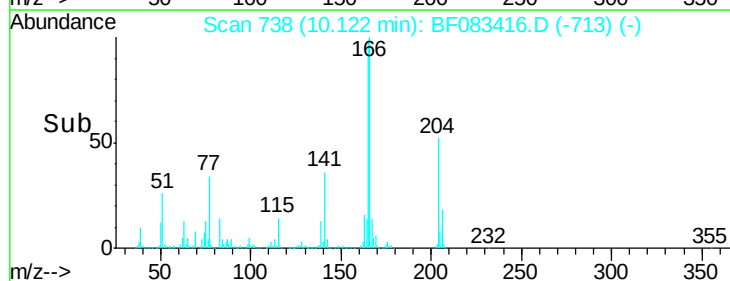
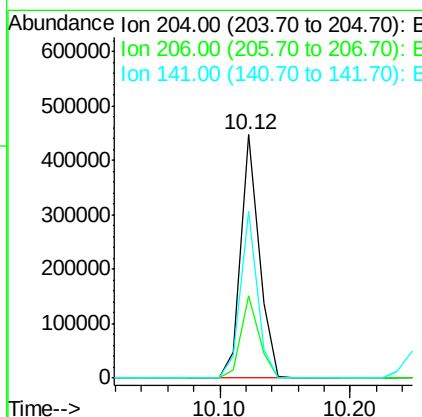
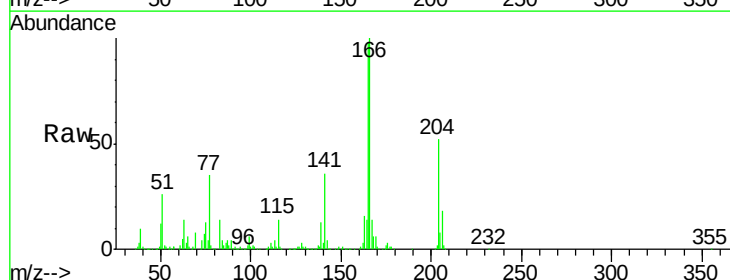
Manual Integrations
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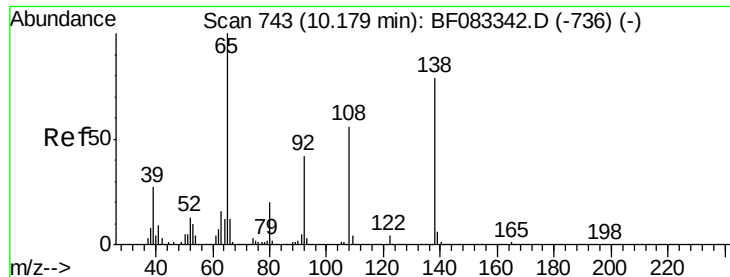
Mmdadoda
12/3/2015 7:09:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.30 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.5	41.3
141	68.7	48.1	72.1





#61

4-Nitroaniline

Concen: 39.96 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF083416.D

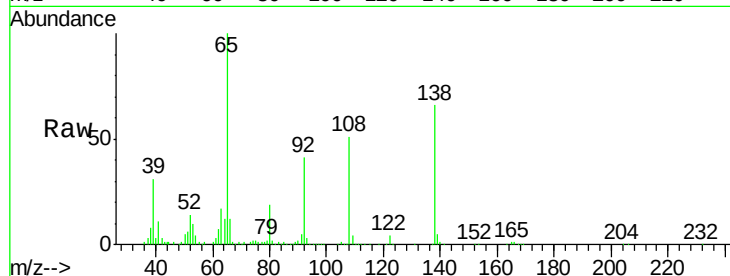
Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

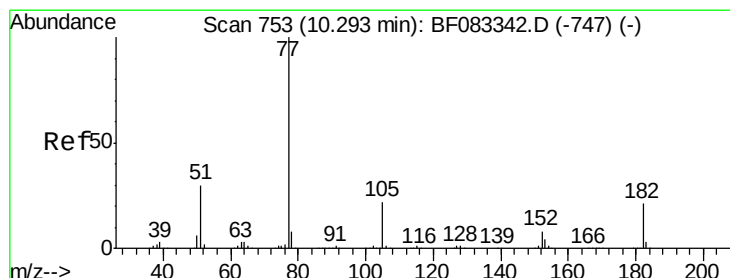
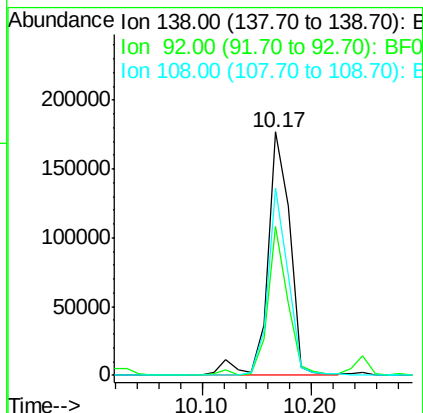
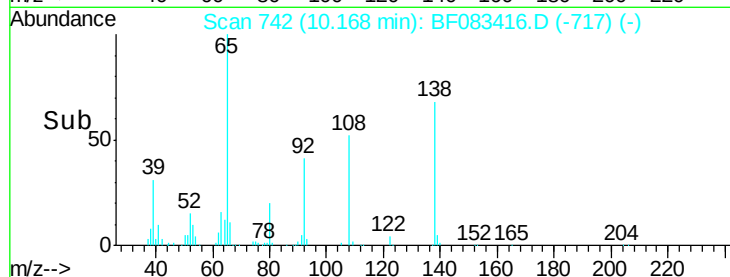
SB-P3WC-07(8-14)MS



Tot Ion:	138	Resp:	251828
Ion Ratio	Lower	Upper	
138	100		
92	61.1	33.6	73.6
108	76.9	51.0	91.0

Manual Integrations
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#62

Azobenzene

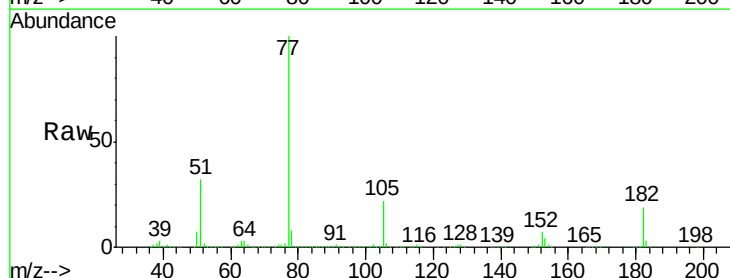
Concen: 46.29 ng

RT: 10.28 min Scan# 752

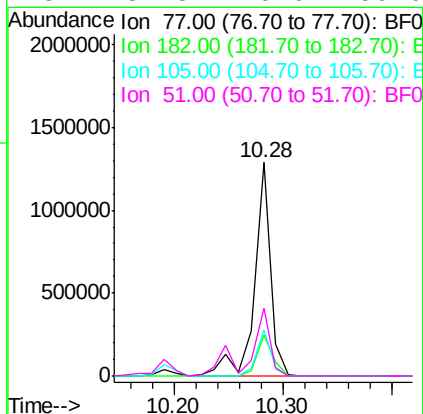
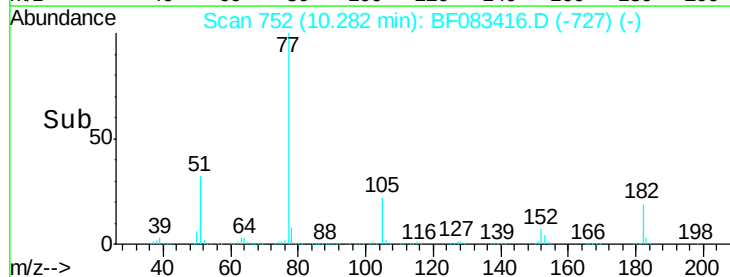
Delta R.T. -0.01 min

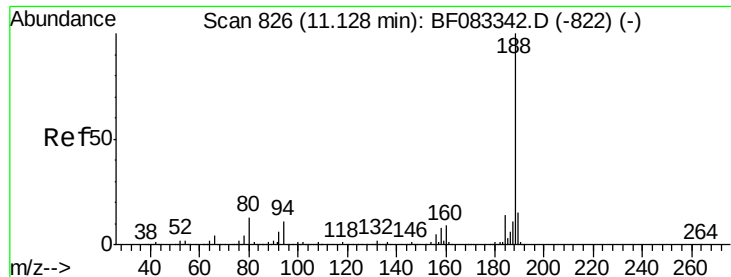
Lab File: BF083416.D

Acq: 2 Dec 2015 14:09



Tgt Ion:	77	Resp:	1341101
Ion Ratio	Lower	Upper	
77	100		
182	19.0	0.8	40.8
105	21.6	2.3	42.3
51	31.8	10.6	50.6





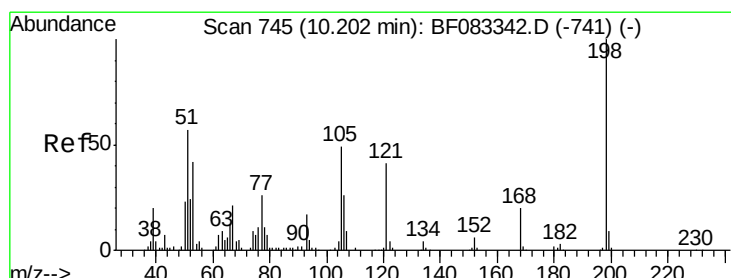
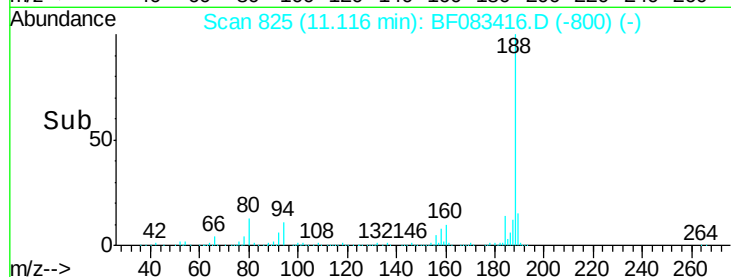
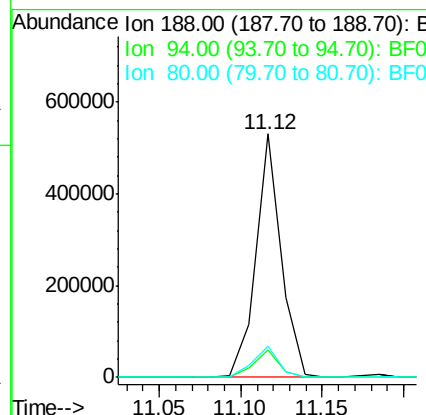
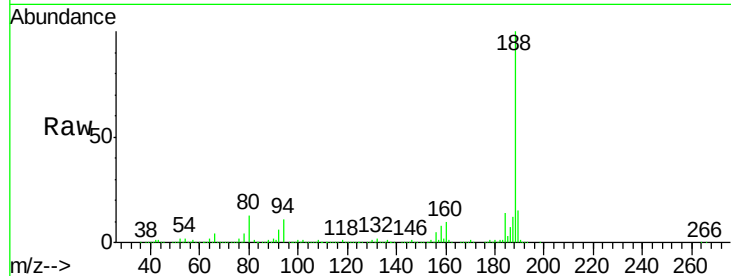
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	571972		
94	11.4		8.7	13.1
80	12.9		10.3	15.5

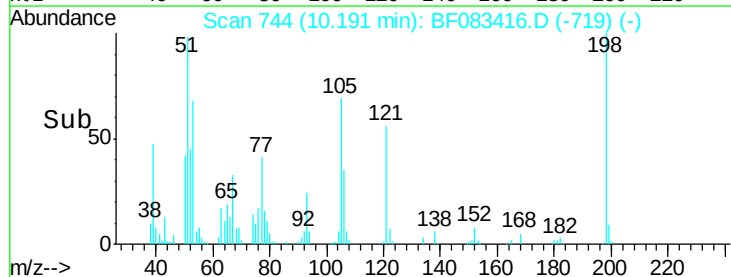
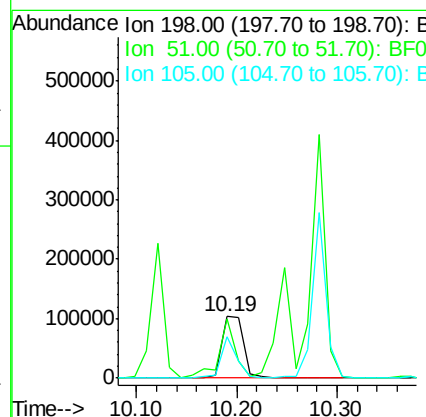
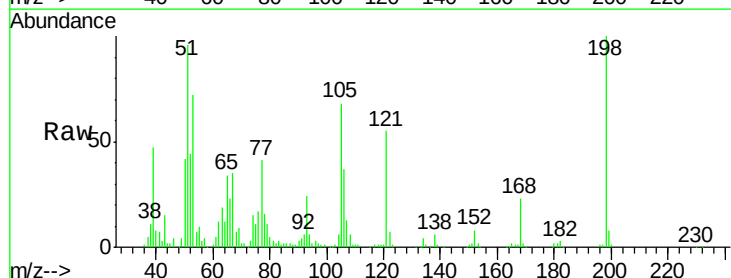
Manual Integrations
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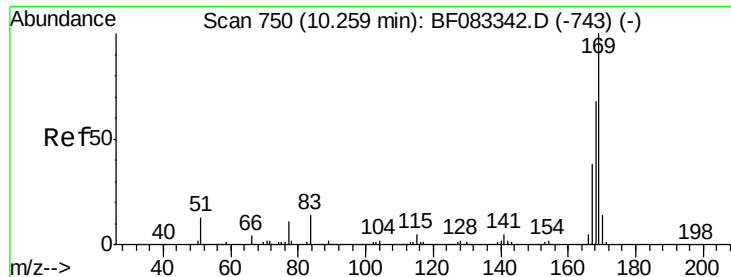
Mmdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.88 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	153143		
51	96.0		38.3	78.3#
105	67.5		29.2	69.2





#65

n-Nitrosodiphenylamine

Concen: 45.26 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

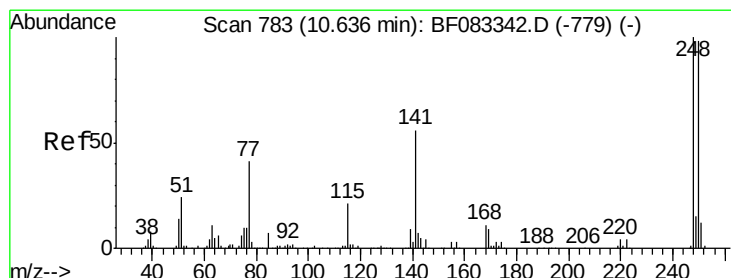
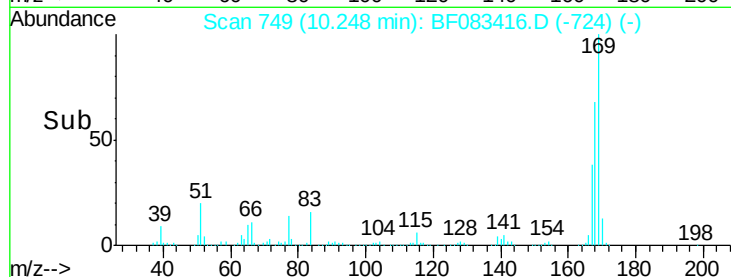
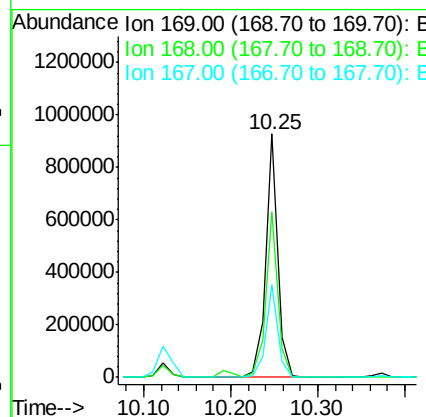
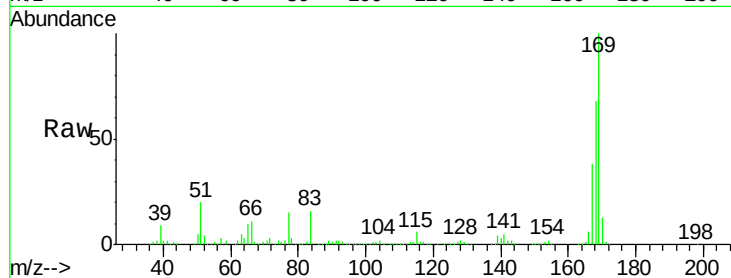
ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:	169	Resp:	909613
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.8	82.2
167	38.2	30.2	45.2

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 47.56 ng

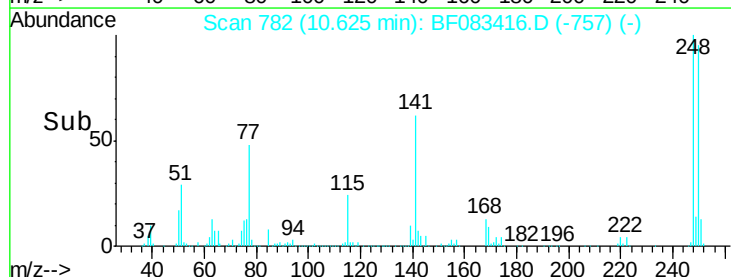
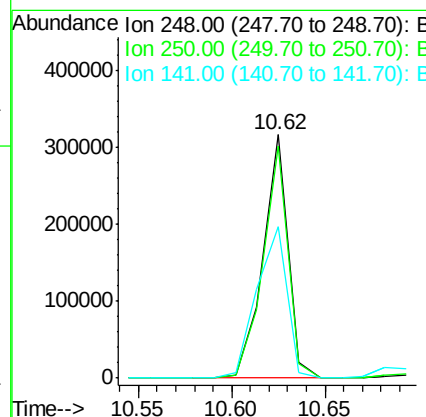
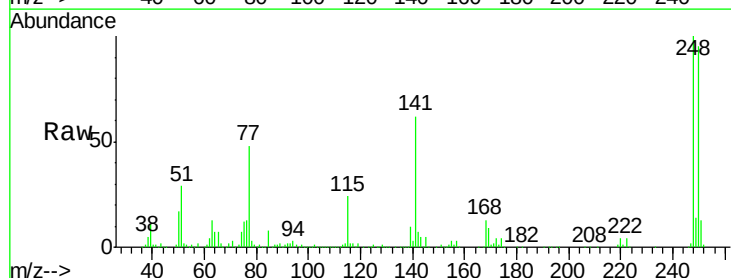
RT: 10.62 min Scan# 782

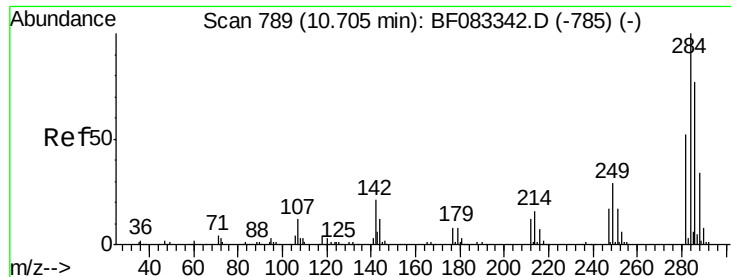
Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	248	Resp:	297573
Ion Ratio	Lower	Upper	
248	100		
250	95.4	78.6	118.0
141	62.2	44.4	66.6





#67

Hexachlorobenzene

Concen: 46.83 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

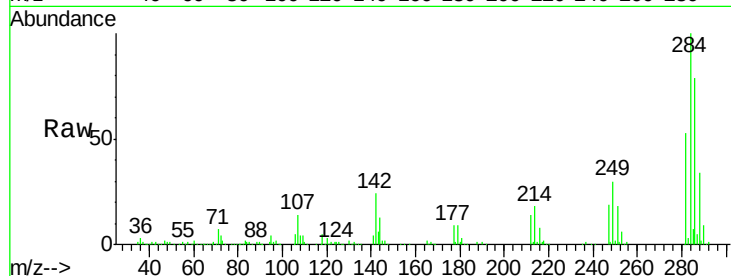
ClientSampleId :

SB-P3WC-07(8-14)MS

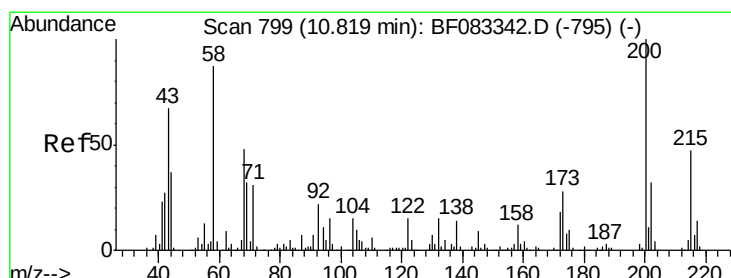
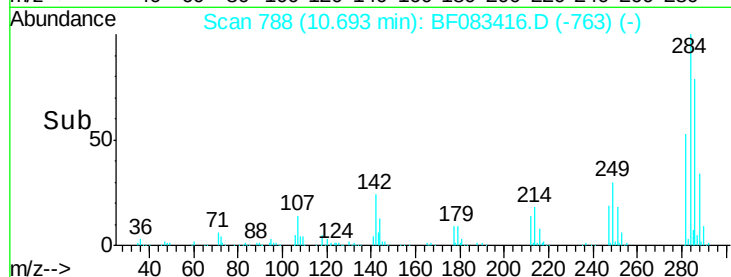
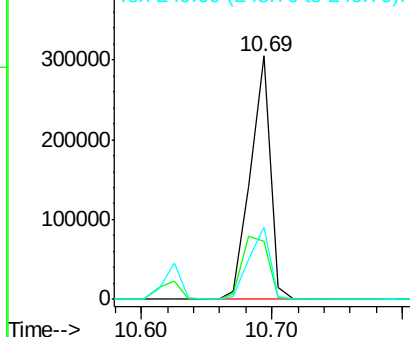
Tot Ion:	284	Resp:	323953
Ion Ratio	Lower	Upper	
284	100		
142	23.8	16.6	24.8
249	29.8	23.0	34.4

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 55.28 ng

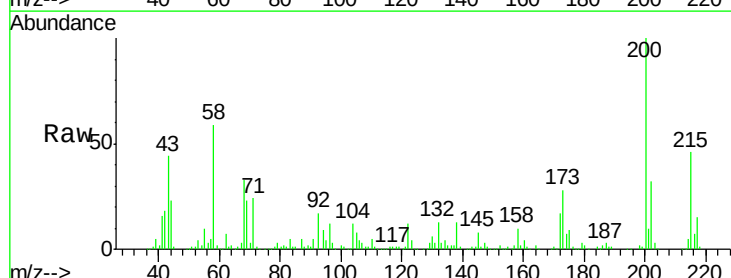
RT: 10.82 min Scan# 799

Delta R.T. -0.00 min

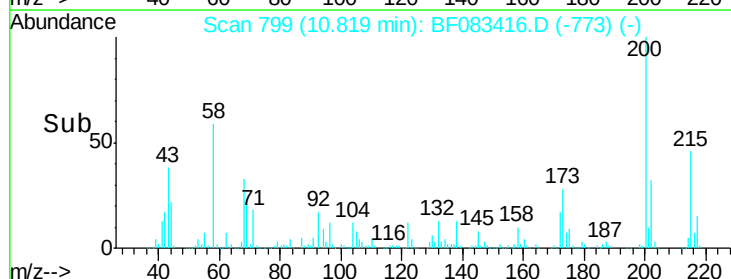
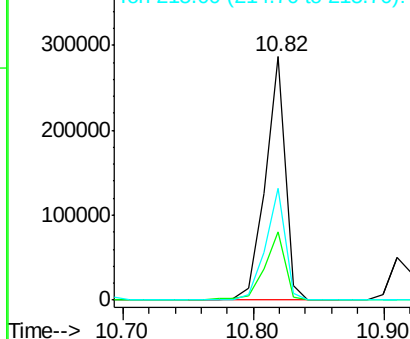
Lab File: BF083416.D

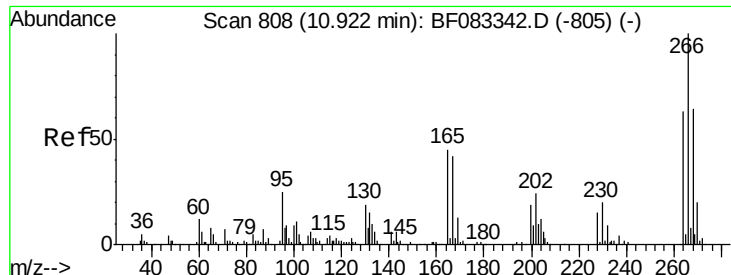
Acq: 2 Dec 2015 14:09

Tgt Ion:	200	Resp:	307289
Ion Ratio	Lower	Upper	
200	100		
173	28.0	8.3	48.3
215	45.9	26.7	66.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





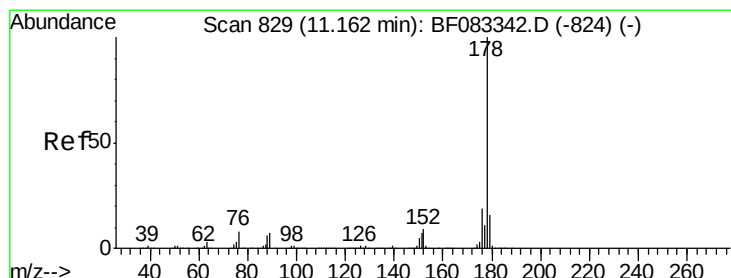
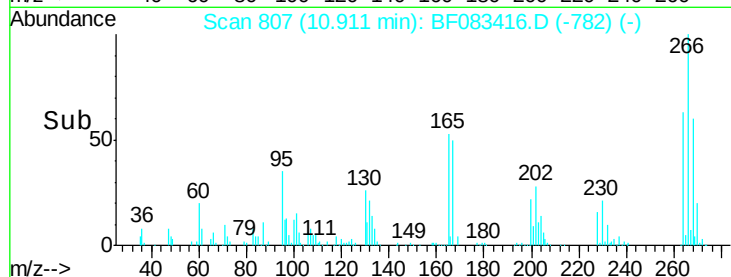
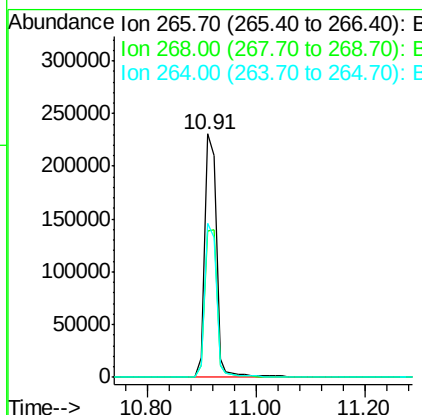
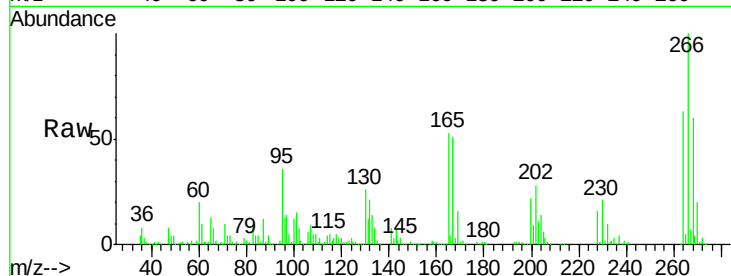
#69
 Pentachlorophenol
 Concen: 95.98 ng
 RT: 10.91 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.0	51.5	77.3
264	63.3	50.4	75.6

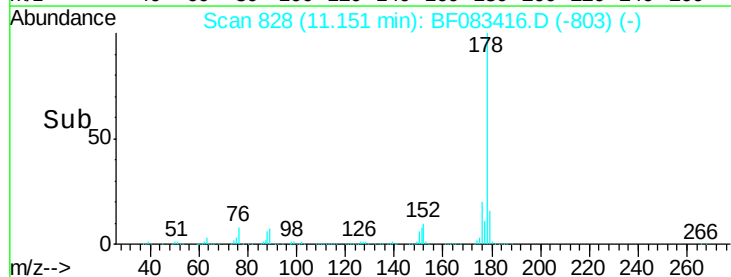
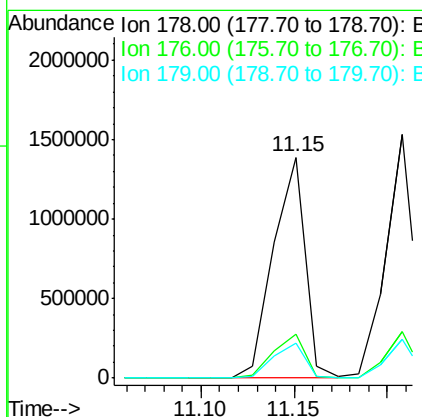
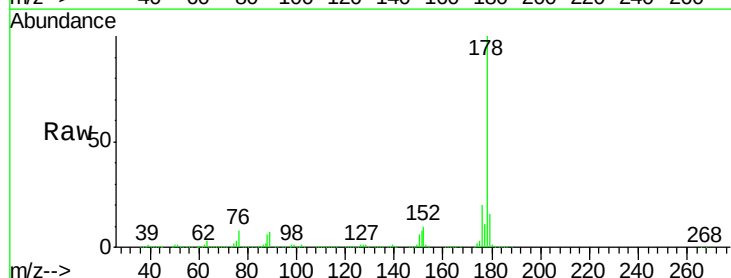
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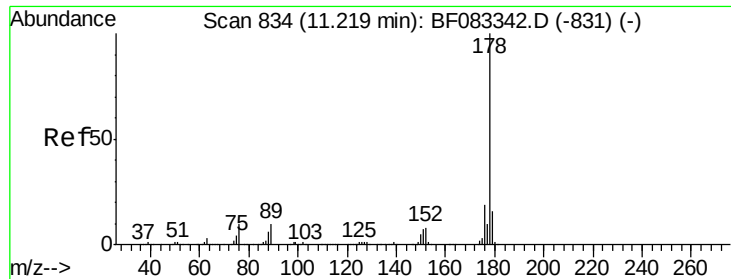
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 12/3/2015 7:09:28 PM



#70
 Phenanthrene
 Concen: 48.87 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.9	12.4	18.6





#71

Anthracene

Concen: 46.61 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:178 Resp: 1588224

Ion Ratio Lower Upper

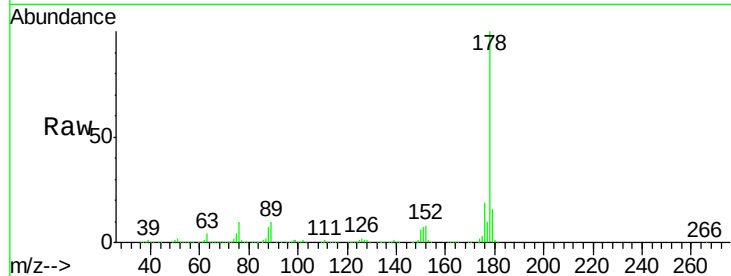
178 100

176 19.3 15.6 23.4

179 16.0 12.8 19.2

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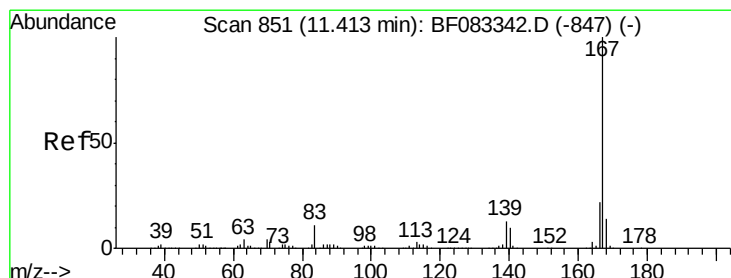
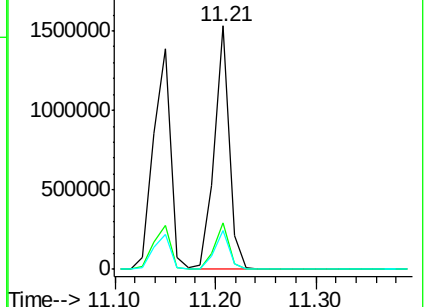
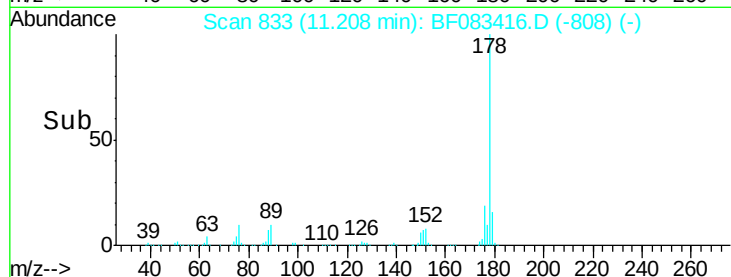
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.43 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

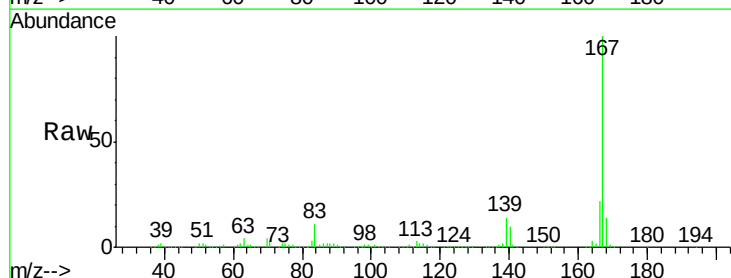
Tgt Ion:167 Resp: 1390894

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

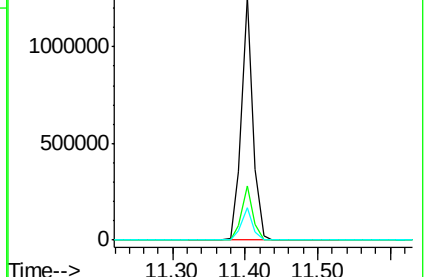
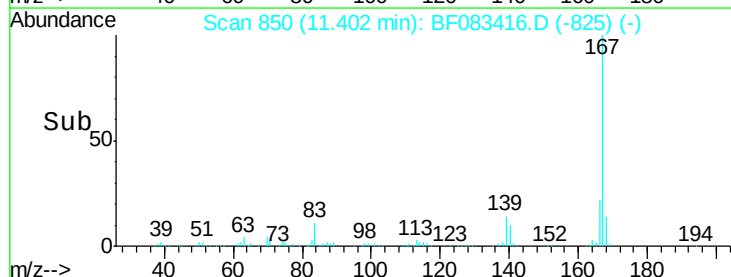
139 13.6 10.5 15.7

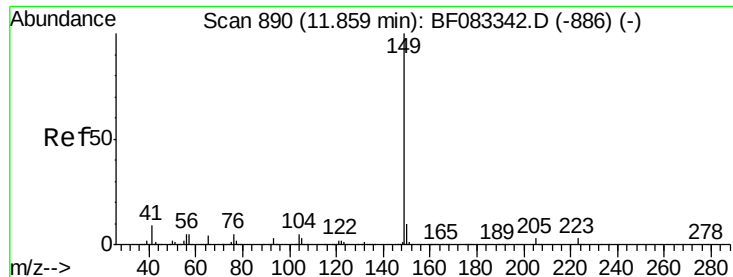


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.93 ng

RT: 11.85 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

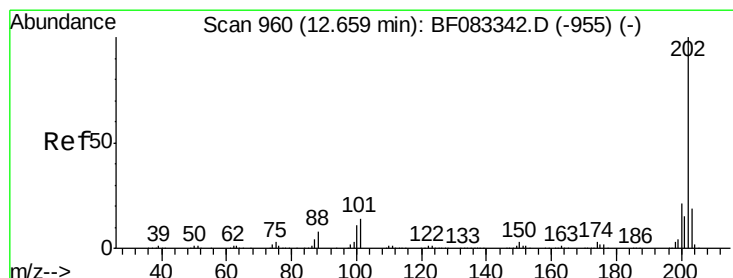
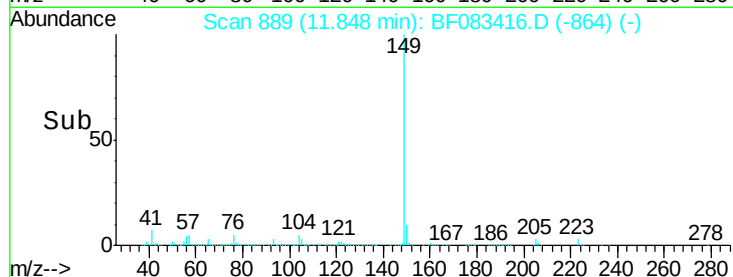
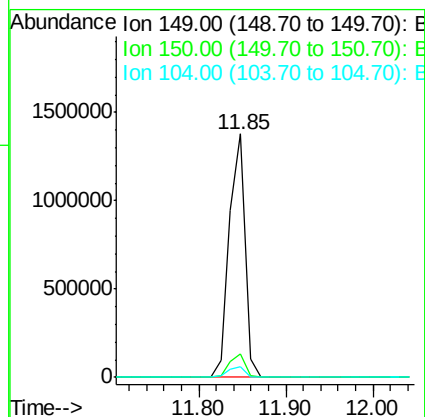
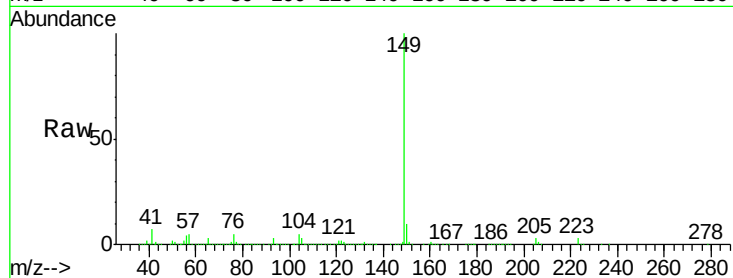
ClientSampleId :

SB-P3WC-07(8-14)MS

Manual Integrations
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Tot Ion:	149	Resp:	1739283
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.6	4.0	6.0



#74

Fluoranthene

Concen: 44.98 ng

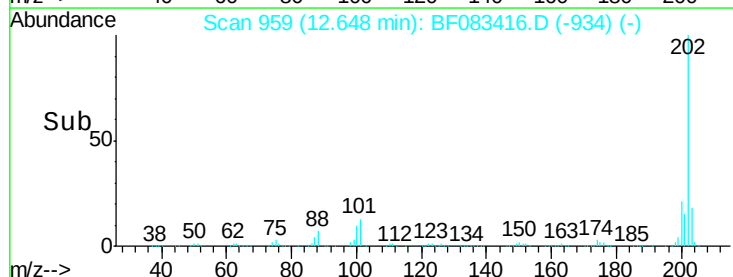
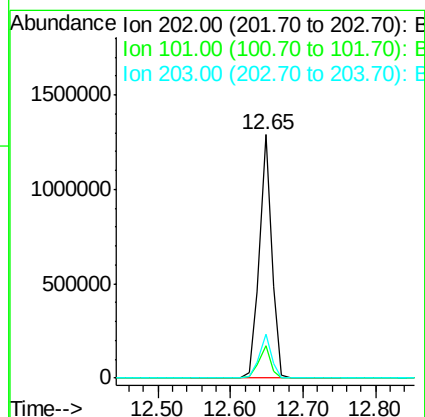
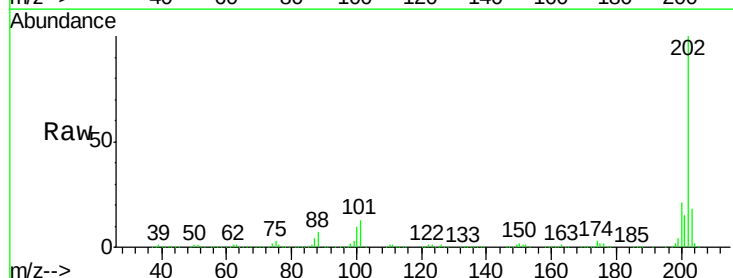
RT: 12.65 min Scan# 959

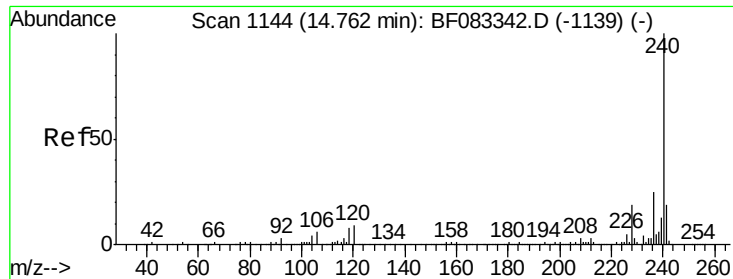
Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	202	Resp:	1578104
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.5
203	18.2	0.0	38.7





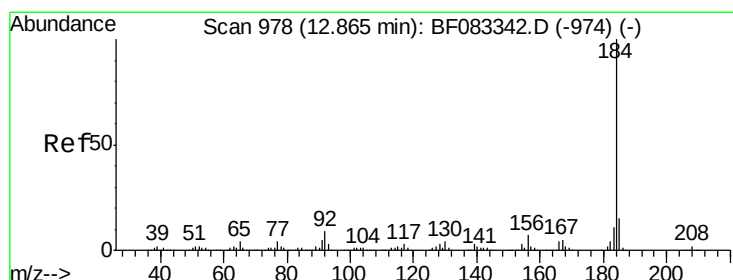
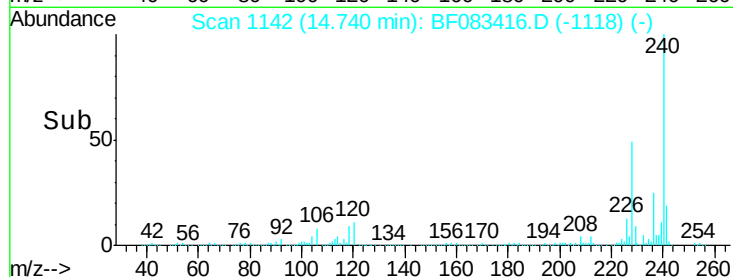
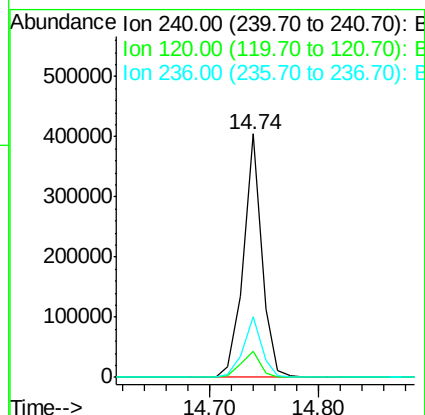
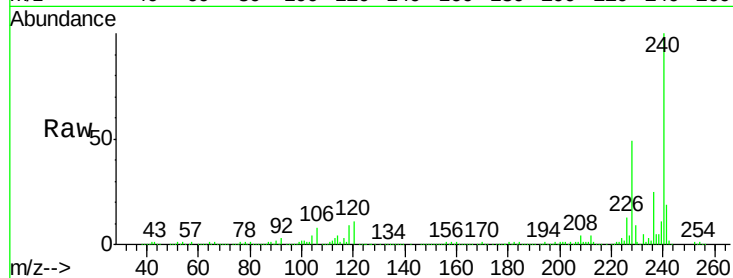
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.8	6.9	10.3#	
236	25.0	19.8	29.6	

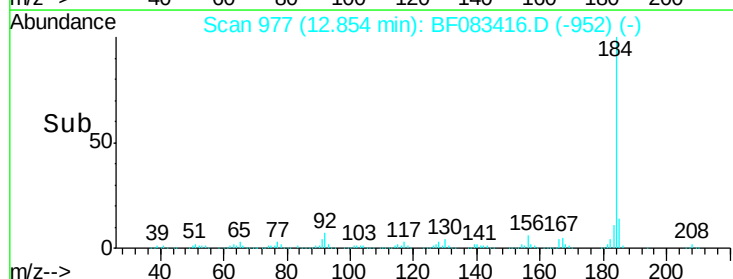
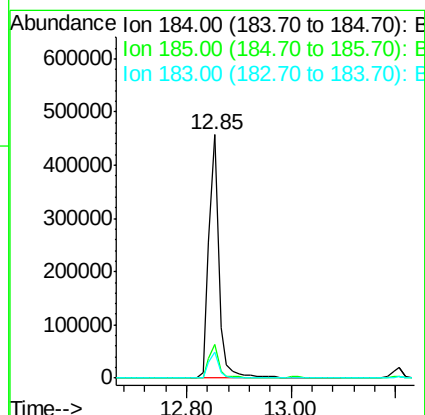
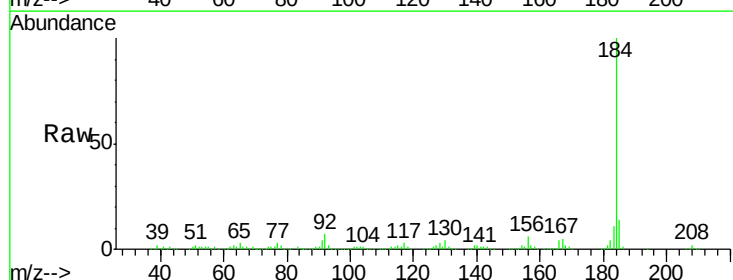
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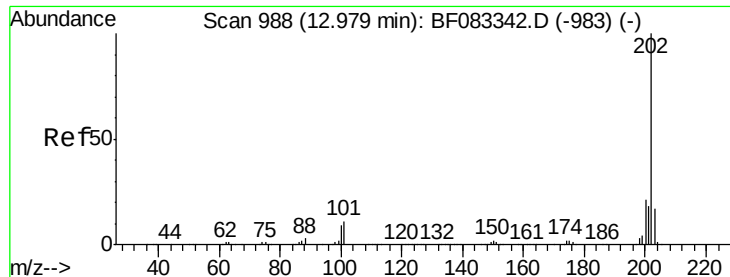
Mmdadoda
 12/3/2015 7:09:28 PM



#76
 Benzidine
 Concen: 44.16 ng
 RT: 12.85 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.8	12.4	18.6	
183	10.9	9.0	13.4	





#77

Pvrene

Concen: 49.76 ng

RT: 12.96 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:202 Resp: 1636010

Ion Ratio Lower Upper

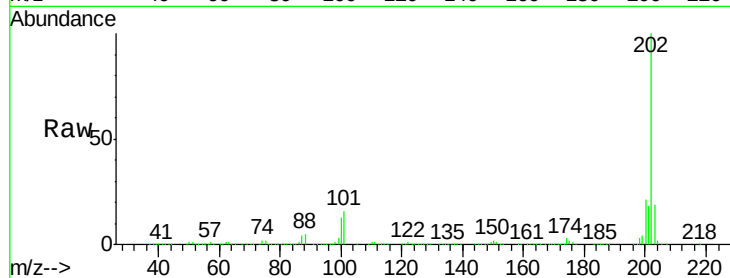
202 100

200 21.5 16.9 25.3

203 18.6 13.9 20.9

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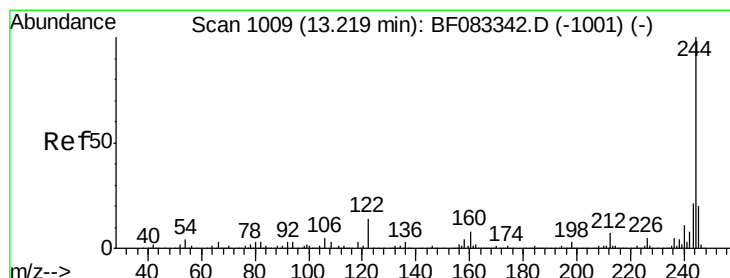
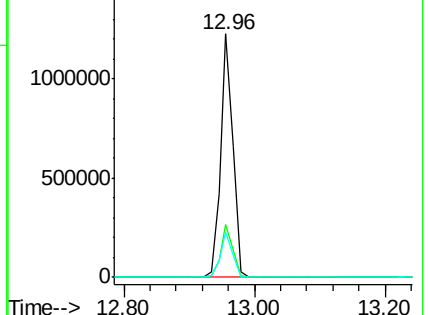
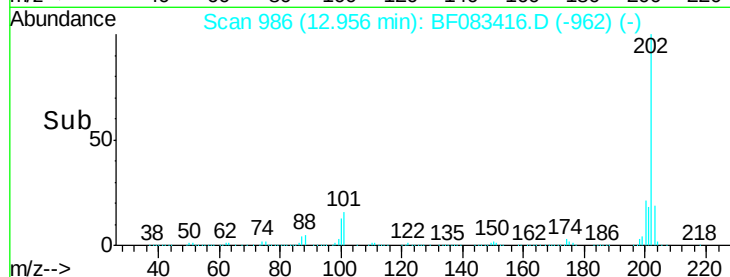
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.03 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

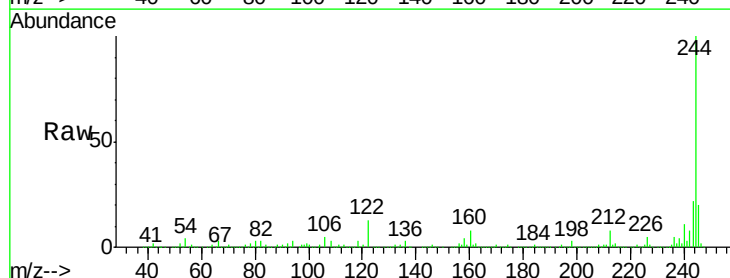
Tgt Ion:244 Resp: 1796929

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

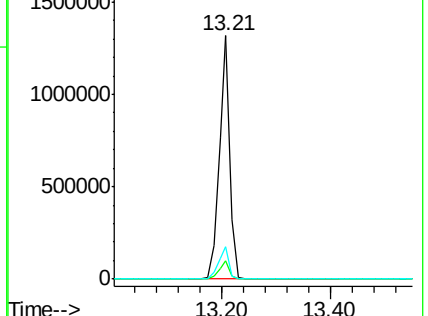
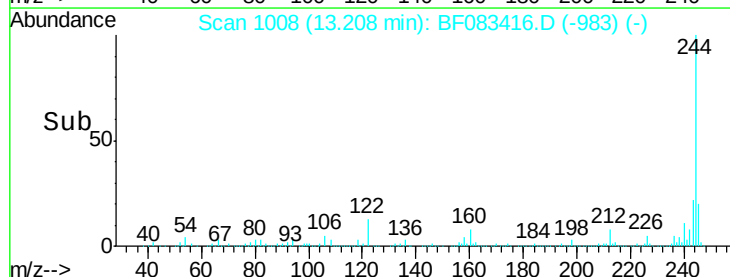
122 13.1 11.0 16.4

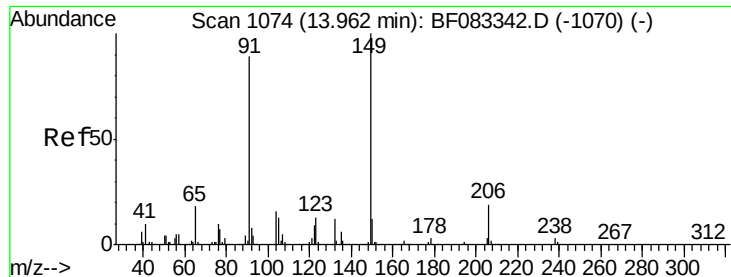


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.58 ng

RT: 13.95 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

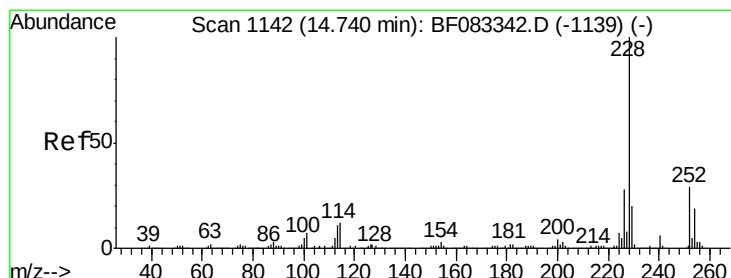
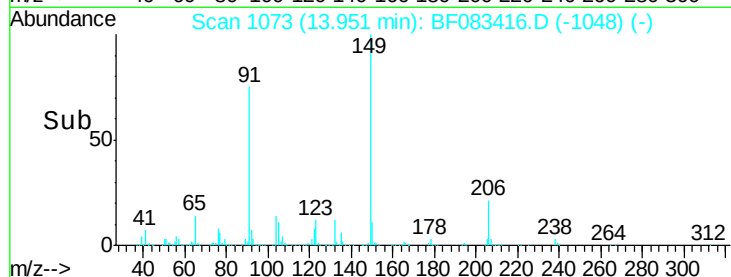
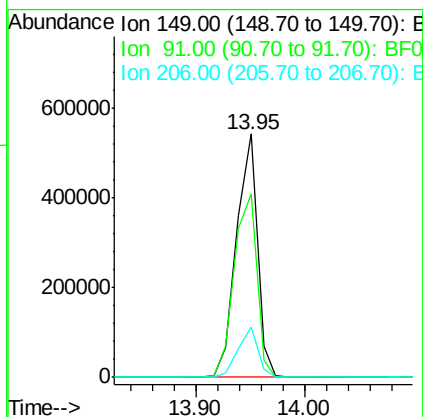
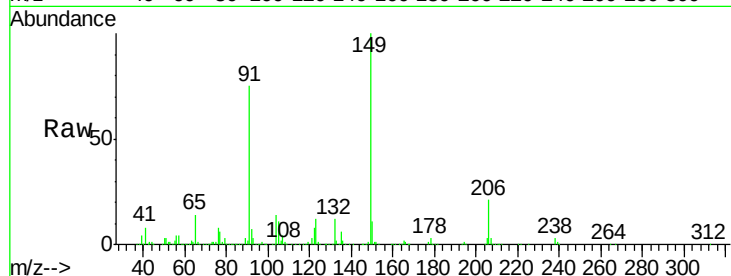
ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:	149	Resp:	719463
Ion Ratio	Lower	Upper	
149	100		
91	75.4	71.4	107.2
206	20.7	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 46.67 ng

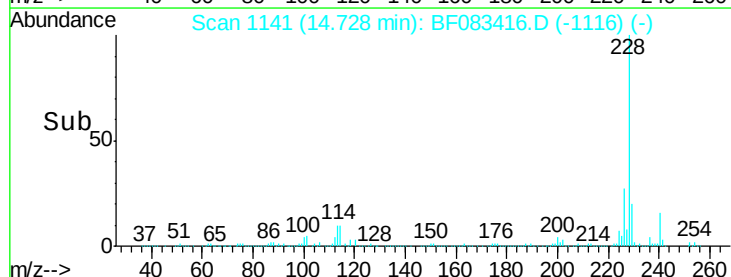
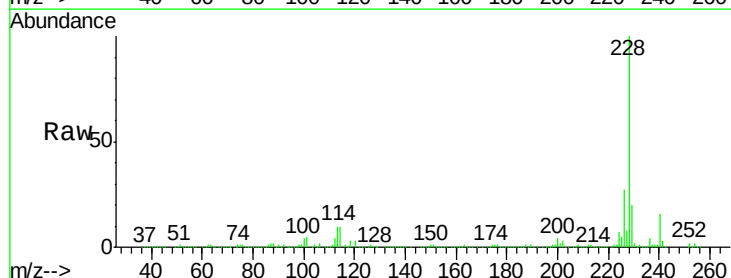
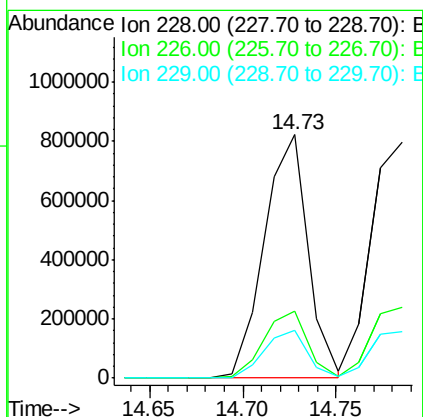
RT: 14.73 min Scan# 1141

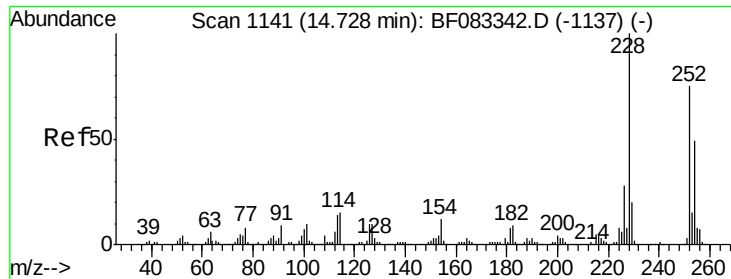
Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	228	Resp:	1345965
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.4
229	19.7	16.1	24.1





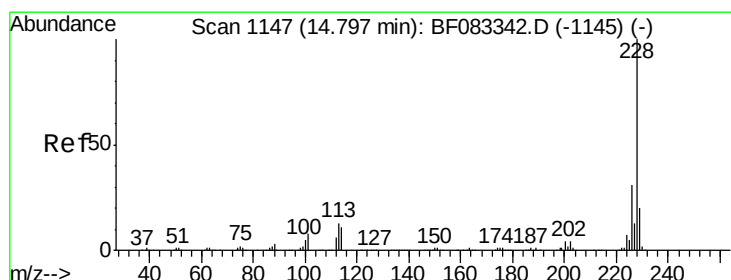
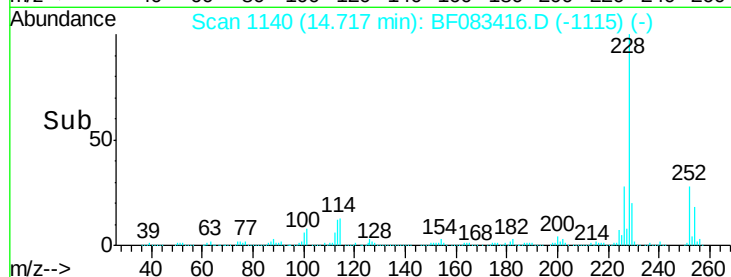
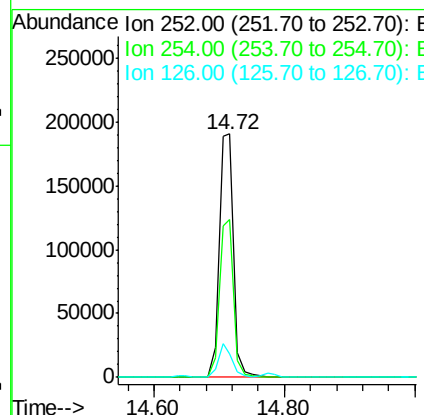
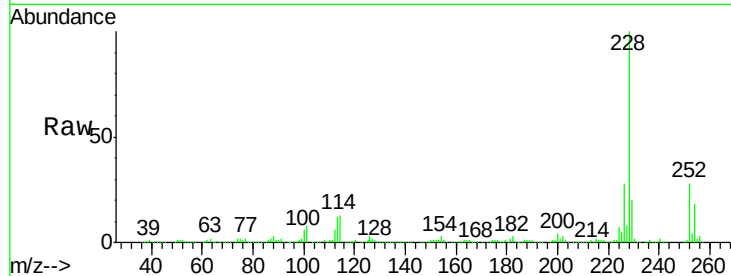
#81
 3,3'-Dichlorobenzidine
 Concen: 33.05 ng
 RT: 14.72 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	297718		
254	64.7	52.0	78.0	
126	9.9	10.7	16.1	

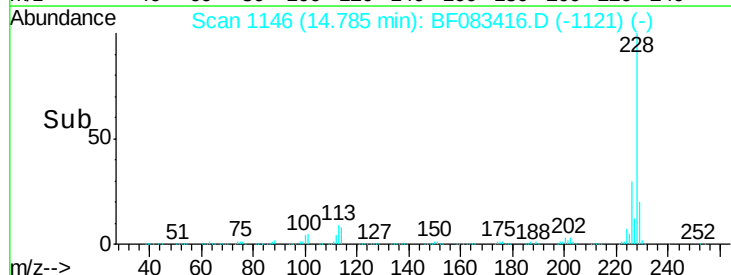
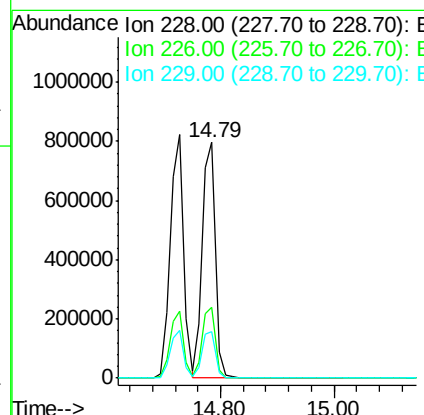
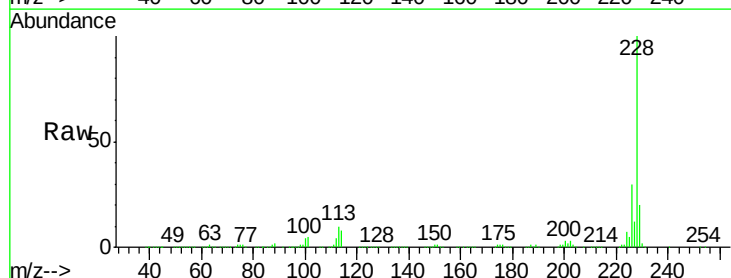
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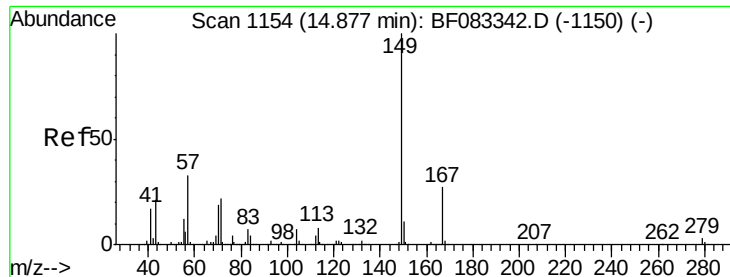
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#82
 Chrysene
 Concen: 44.53 ng
 RT: 14.79 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1240821		
226	30.2	24.6	37.0	
229	19.9	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.94 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF083416.D

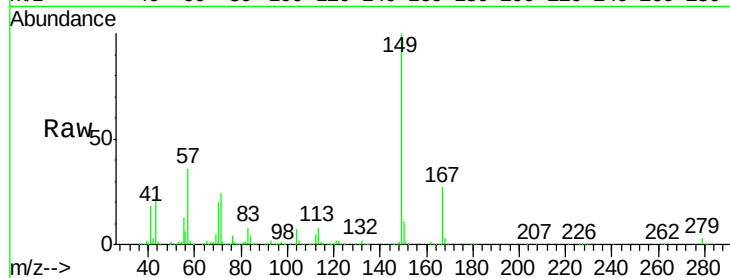
Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

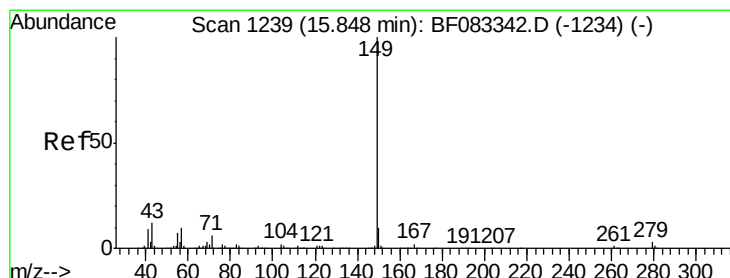
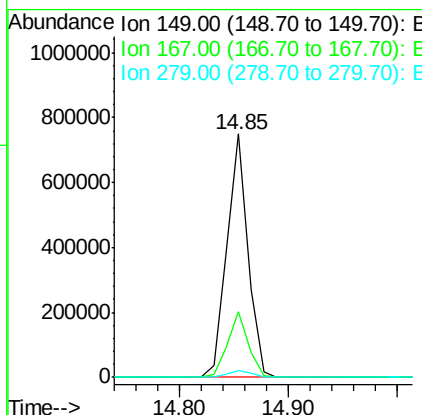
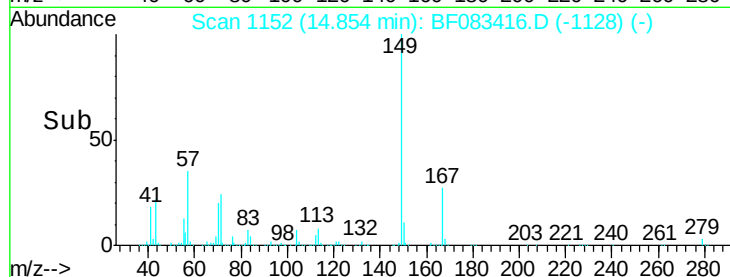
SB-P3WC-07(8-14)MS



Tot Ion:	149	Resp:	990440
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.5	32.3
279	2.9	2.6	3.8

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#84

Di-n-octyl phthalate

Concen: 53.94 ng

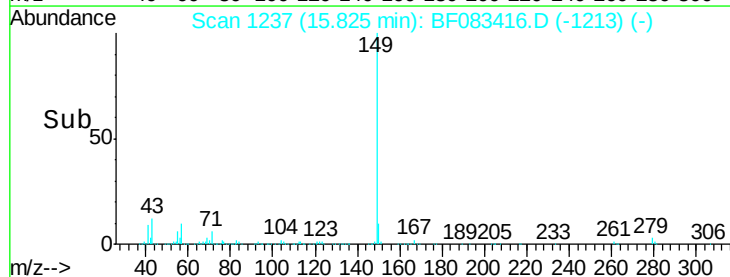
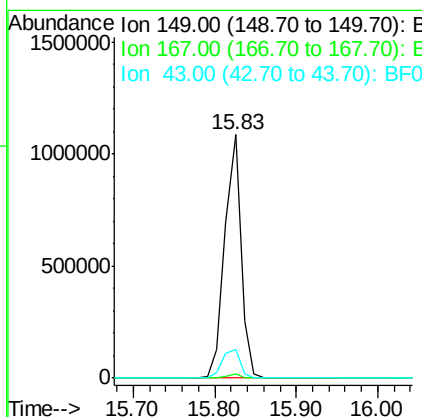
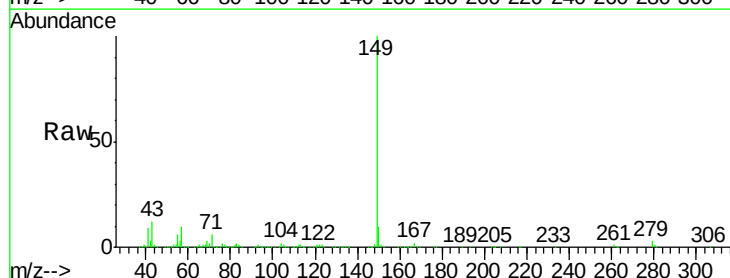
RT: 15.83 min Scan# 1237

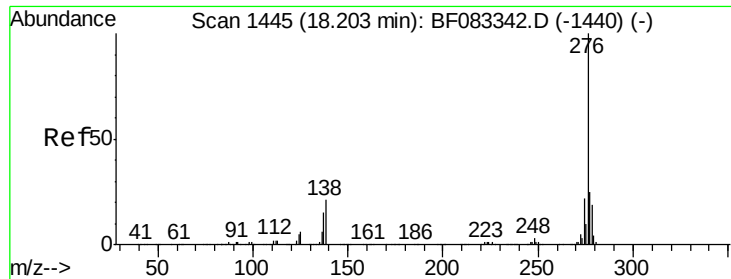
Delta R.T. -0.02 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	149	Resp:	1502874
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	13.2	11.0	16.6





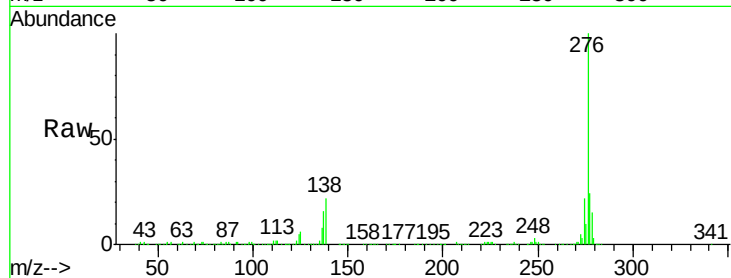
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.55 ng
 RT: 18.18 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MS

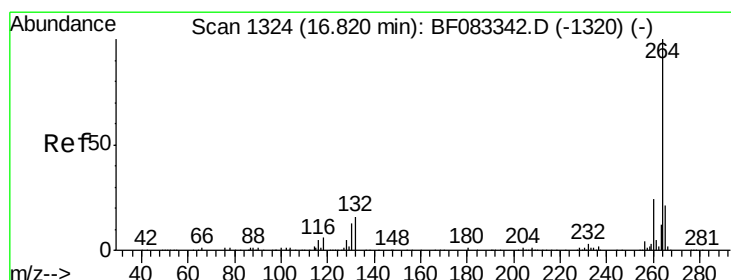
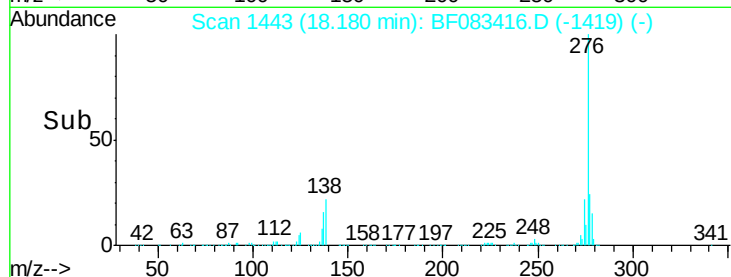
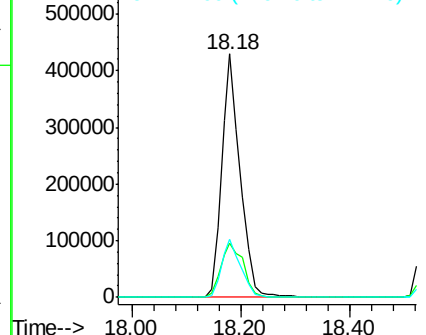
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.2	31.8
277	25.0	20.0	30.0

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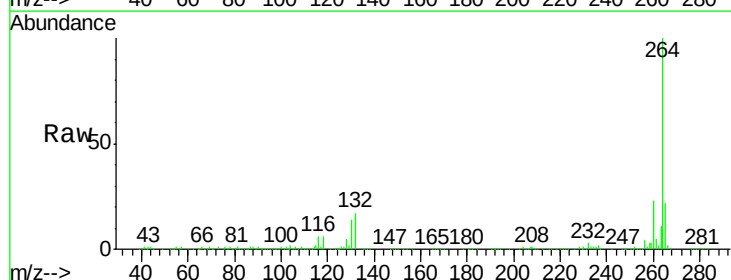


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

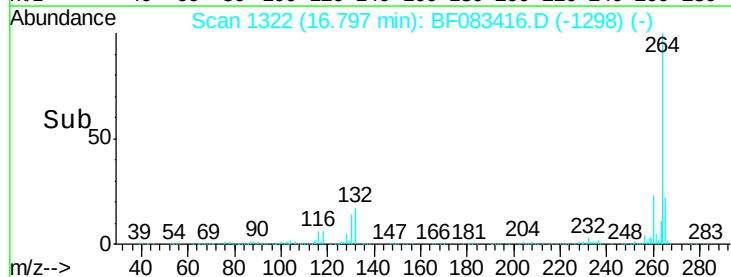
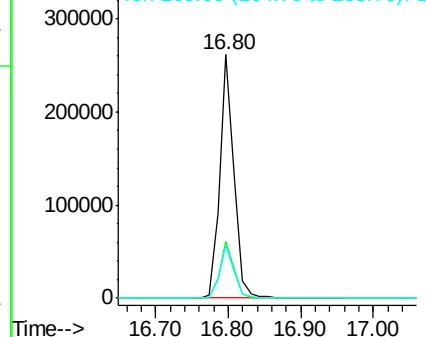


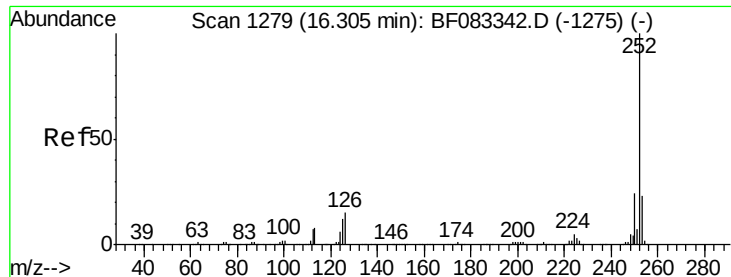
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF083416.D
 Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.6	16.8	25.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.89 ng m

RT: 16.29 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

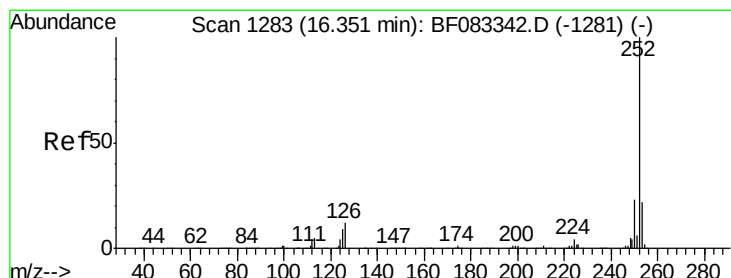
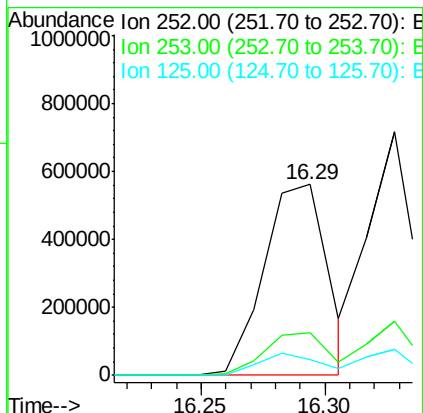
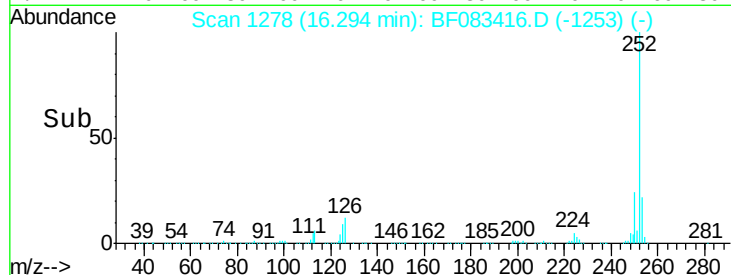
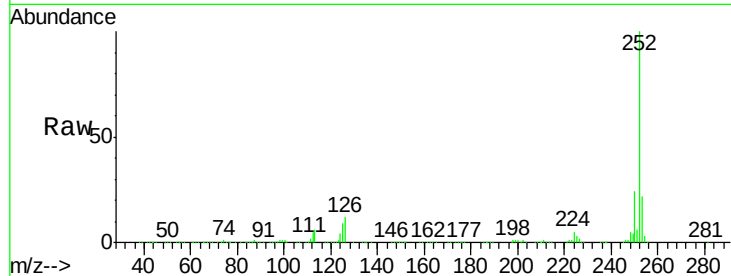
ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:	252	Resp:	1010221
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	8.6	9.6	14.4

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#88

Benzo(k)fluoranthene

Concen: 44.92 ng

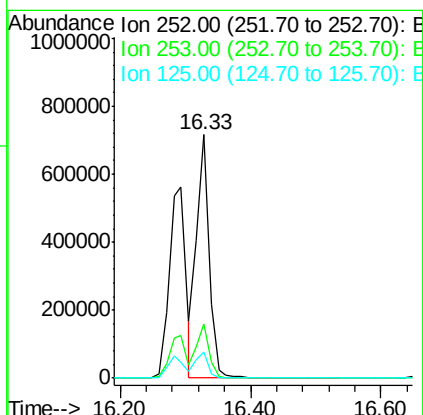
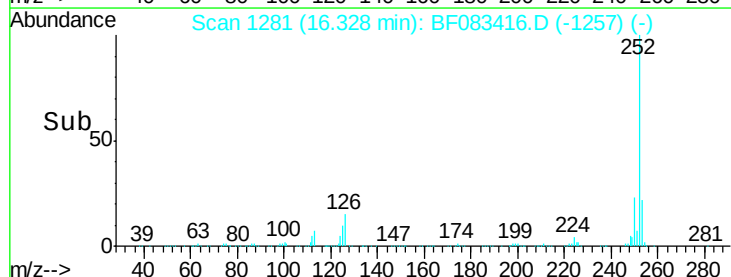
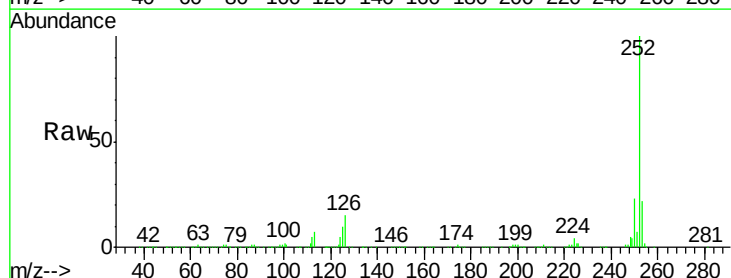
RT: 16.33 min Scan# 1281

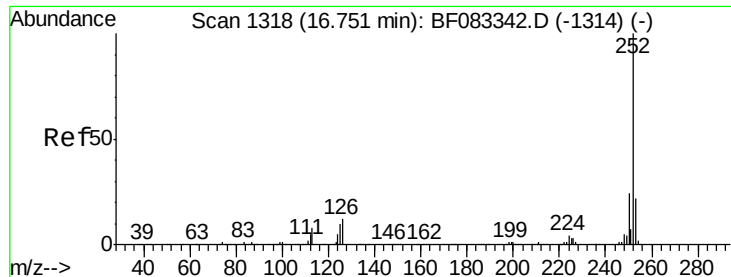
Delta R.T. -0.02 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Tgt Ion:	252	Resp:	954582
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	10.5	7.5	11.3





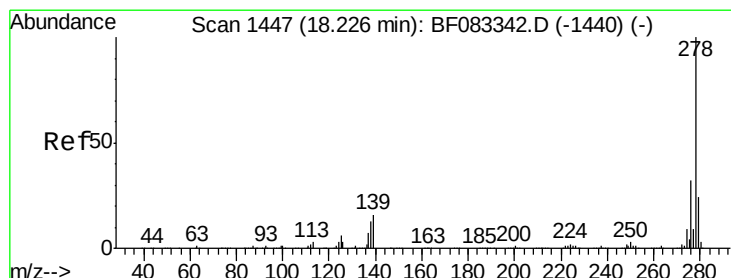
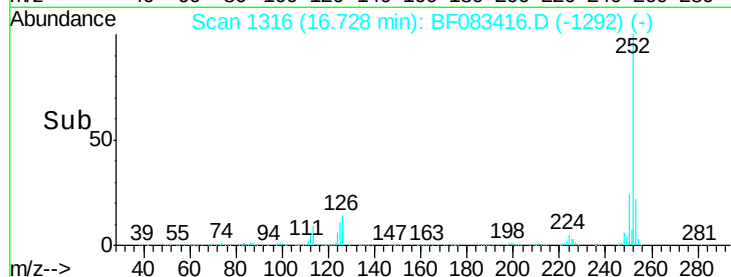
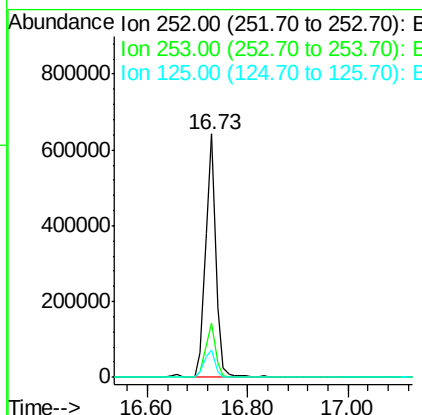
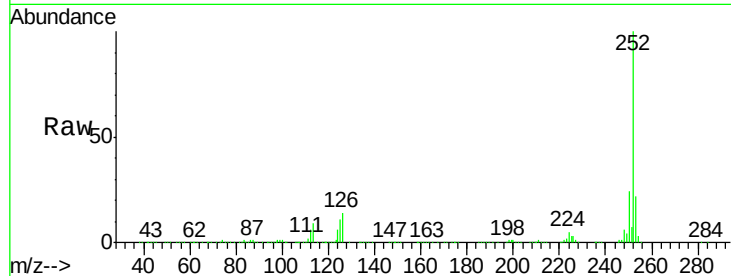
#89
Benzo(a)pyrene
Concen: 46.96 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.4	7.8	11.8

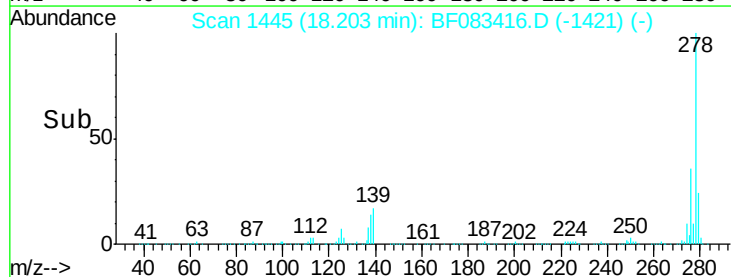
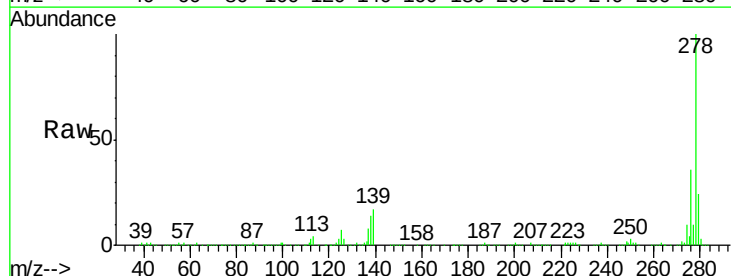
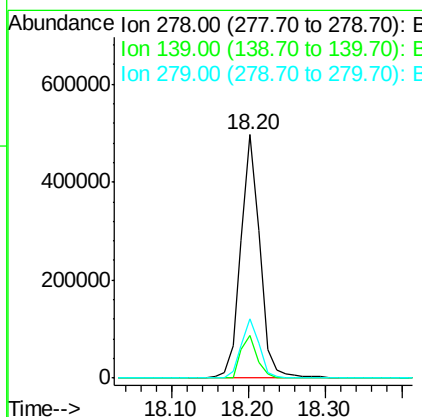
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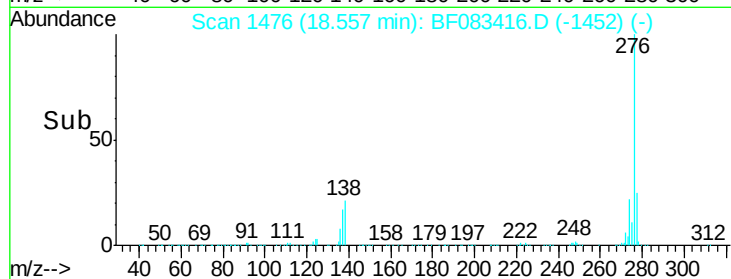
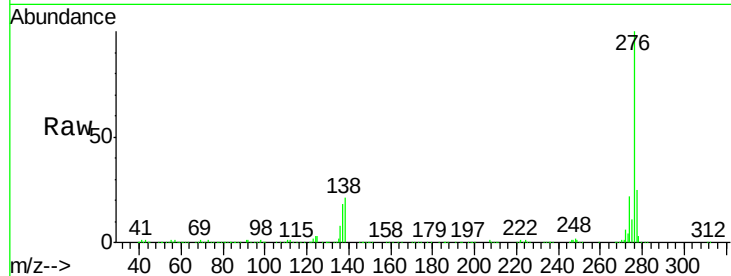
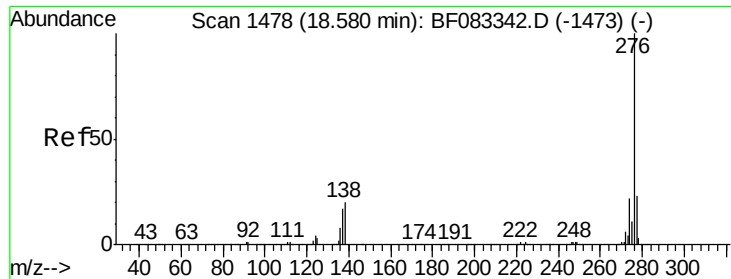
Mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 51.30 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF083416.D
Acq: 2 Dec 2015 14:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.1	19.7
279	24.4	19.2	28.8





#91

Benzo(a,h,i)perylene

Concen: 51.84 ng

RT: 18.56 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF083416.D

Acq: 2 Dec 2015 14:09

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MS

Tot Ion:	276	Resp:	856984
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.6	28.0
138	20.6	16.1	24.1

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:28 PM

